



# EDITORIAL

## The Easy Money Game

The University Council is about to consider a proposed \$40 Academic Services Fee. If passed, this fee will be charged to all students for use of the computer center and library.

Proponents of the fee claim it is analogous to state funding of community service programs; although no direct benefit may be found, the services are a necessity for social advancement and improvement. Similarly, they believe the development of the computer center and library facilities should be paid for by all students because it will improve the University as a whole.

The opponents of the fee claim that: 1) an analogy is considered

a bad form of logical inference, 2) since the University has recently received \$1 million for library books, there is no need for a library fee, and 3) if the fee passes, the money will be used to subsidize the computer center and library so the administration can use the computer center and library money elsewhere.

In other words, since the administration cannot get enough money from the state, they want to take it from the students without calling it tuition, which is handed directly over to the state.

It's pretty ridiculous to charge students a tuition to come to the University, and then to charge fees for basically the same

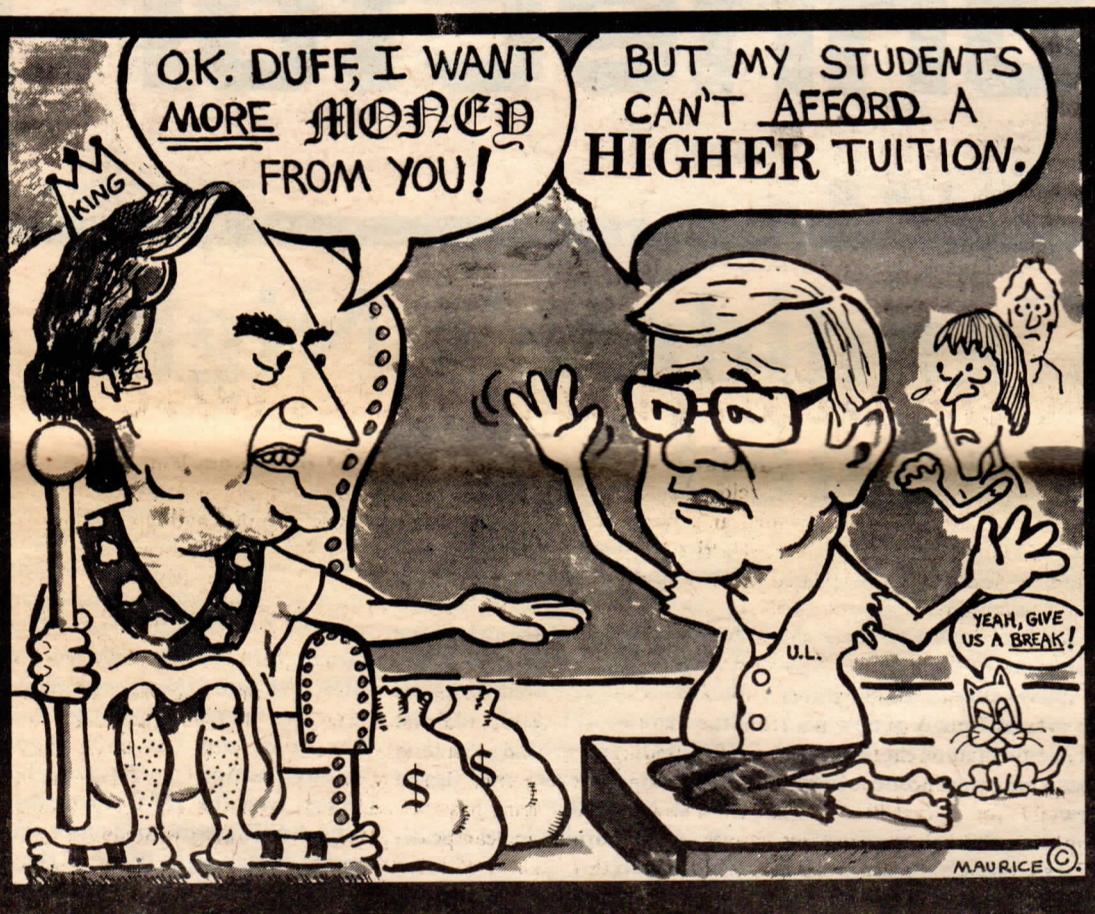
reason, but under another heading.

If the precedent is set, who's to say how many line items will be added to the academic services fee next semester? Will each student soon be subsidizing music facilities, Cumnock Hall astroturf, and janitorial paper supplies?

The entire student body will have to stand up and fight to defeat this proposal. Each and every one of us will have to voice our opposition. Our chance will come soon.

Let's make sure we take advantage of that chance.

—Mike Favaloro



# LETTERS

### To The Editor:

As a Candidate for the Student Trustee I was pleased to read in the Connector that a "Candidates Night" was going to be held. This was just what was needed to help the students of ULowell to be aware of the people who were running for office and to learn of their platforms. Unfortunately "Candidates Night" never happened. Posters that were supposed to tell of the place were never hung. Instead, a note was scrawled on the blackboard of the Student Information Center, "Candidates Night Cancelled."

Why was it cancelled? Why weren't the candidates notified? In the future I would hope that the people who planned this affair will see fit to see it to its completion. Even if only a handful of people had attended it would have been successful.

—Bob Chenevert

### Dear Sirs,

In view of the present energy crisis and in order to help conserve energy, I am circulating a letter which asks for signatures in support of a request that a bus be scheduled to take South Campus commuting faculty, staff and students to and from the train depot.

Interested persons may contact Anthony Mele, College of Music or Dean Leo F. King, Dean of Students.

—Anthony Mele  
Faculty/College of Music

### To The Editor:

I am writing this in response to a statement Mr. Fosse made in his review of the Elvis Costello concert last week and I quote: "We had a chance of getting Costello to play ULowell, but college students today are content to let everything slip out of their hands."

This statement is a gross misrepresentation of the facts. The Social Committee did not let the Costello show slip out of our hands. Two months before the show (scheduled for April 12), we had Elvis signed to a contract, the hall secured, ticket distribution set, and the production was ready to go. In other words, our act was together. But less than a month before the show, municipal authorities ruled we were attracting a deviant drug crazed audience to their city hall at our concerts. Also they insisted that we could not properly secure the hall. Subsequently, middle-aged people — not college students — banned us from doing future productions in Lowell Auditorium. I feel Mr. Fosse insulted the Social Committee, by implying we incompetently blew the date. What could we do; we had no hall in which to hold a well planned concert? Believe me, we really tried to save this date but the authorities were immovable and we had no place to move it.

Mr. Fosse, it is very easy to criticize; anyone can write a two column article, but it takes a good deal of time and effort to physically do anything. Instead of letting chic words slip from your pen why don't you get off your butt and help us produce a few shows.

—Louis S. Salamone  
Chairperson, Social Committee

### INTERNATIONAL NITE

The International Student Circle has been working diligently preparing for its 8th ANNUAL "INTERNATIONAL NITE."

All are welcome, April 18, 1979 to join with us in Cumnock Hall Auditorium at 7:00 P.M.

Exhibitions of handicrafts, cultural items, literature and pictures will be there for your viewing. Some of the most interesting and exotic food will tantalize your taste buds. Entertainment for your pleasure is being rehearsed...

A COMMAND PERFORMANCE IT WILL BE.  
WE HOPE TO SEE ALL OF YOU ON APRIL 18th AT 7:00 P.M. AT CUMNOCK HALL.

# The Connector

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Photography Editor  
Doug Haydock

Librarian  
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Art Editor  
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#### Office Hours

|     |          |
|-----|----------|
| M.  | 1pm-11pm |
| T.  | 3pm-10pm |
| W.  | 1pm-10pm |
| Th. | 3pm-10pm |
| F.  | 1pm-5pm  |

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**Note:** There is no longer a South Campus Office. All copy must be left at the mailroom in Mahoney Hall.

Articles and copy are welcome if typed double spaced with a 3-inch margin on the top of the first page. They must be received in: Mailrooms by 12:00, N. Campus office by 5:00 on the MONDAY preceding a Thursday issue. All Copy must contain the name and box no. of the contributor.

The Connector is published every Thursday during the college year by the students of the University of Lowell, and opinions expressed in this paper are those of its authors or the Editorial Board, and are not necessarily the opinion of the University or its Student Body. The editors of The Connector realize their responsibility to the University community to present opposing views from responsible spokespersons.

The offices of The Connector are located on the fourth floor of the North Campus Student Union Building, Suite 426, 100 Pawtucket Street, Lowell.



Phone number: 453-1872

# News Briefs...

4/1 — 4/8

The crisis at Three Mile Island is over. This statement could be made by NRC officials last Tuesday after the dangerous hydrogen bubble in the reactor core had been dissipated. Harold R. Denton, NRC nuclear reactor regulation director and spokesman for the engineering team working at the crippled Pa. power plant, said that the bubble had shrunk thanks to "a little bit of luck and a little bit of foresight." Denton said that most of the gas leaked out

through the seals around control rod ports and cooling system pipe joints on the reactor. He also stated that both the size of the bubble and the potential for explosion had been overstated.

Now, the cooling process of the reactor has begun and continued smoothly, except for a small leak which developed on Friday and was quickly remedied. Plant officials hope to have the reactor completely shut down during the coming week, but estimate it could take anywhere from 25

days to two months for radiation within the reactor to drop enough to allow the damage to be fully assessed. Except for some very low levels of radioactive iodine found in cow's milk, no noticeable effects of the accident remain in the area.

But, while the accident problems have been toned down, political furor has increased. On Wednesday, 2000 people marched from Prudential Center to Boston Common to protest Gov. King's position on nuclear power. The protesters shouted slogans such as "Send King to Harrisburg" and "Hell no, we won't glow." But King reaffirmed his support for rapid nuclear plant development while rejecting a proposed moratorium on construction and licensing of nuclear power facilities.

The subject of energy was on President Carter's mind as he told Americans that they must use less energy and pay more for it. In his speech, Carter proposed a phased-in lifting of crude oil price controls starting June 1 which should raise gas prices by about 4c a gallon this year. The President also asked Congress to enact a windfall profits tax to recover the "Unearned income"

that oil companies would make from price deregulation. This money would go into an Energy Security Fund which would be used to develop new sources of energy such as shale oil and solar power. Carter also asked each state to submit a plan to cut gas consumption. If states do not come up with adequate plans, he would impose mandatory steps including weekend gas station closings.

Strikes also dominated the week's news. First, United Airlines announced the layoff of 13,330 workers because of a strike by United machinists which has shut down the airline since midnight on Friday, March 30. Also on Monday, the trucking industry began a lockout of Teamster drivers which effectively shut down the industry. This action was taken in response to a limited Teamster strike. Then, on Friday, BU faculty walked out of the classroom after accusing the trustees of renegeing on an agreement reached a week ago.

"Where were you when the lights went out," was the cry of over 100,000 residents of the Back Bay section of Boston as manholes exploded throughout the area on Sunday night,

blacking out the area for 65 hours.

Briefly, in world news, former Pakistan minister Zulfikar Ali Bhutto was hanged early Wednesday morning for conspiring to murder a political opponent. Also, the Ugandan regime of Idi Amin was in trouble as Tanzanian troops began the final assault on the city of Kampala.

In sports, New England Patriots' owner Billy Sullivan agreed to release coach Chuck Fairbanks from his Patriots contract, allowing Fairbanks to become head coach at the University of Colorado and ending a four month stay. Under pressure from Colorado Gov. Richard Lamm, UColorado president Roland Rautenstrauss admitted that \$200,000 would be paid to the Patriots by the Flatirons Club, a Colorado booster organization in return for the release.

Finally, all was forgiven for last year as the Red Sox opened the 1979 season on Thursday with a 7-1 thrashing of Cleveland and took two of three games over the weekend. To make the victory even sweeter, Milwaukee shelled Ron Guidry and beat the Yankees two out of three. Now the magic number is down to 160.

## A Moostone Review

On behalf of those listed below, and perhaps numerous others, I write in response to the recent publication of our eagerly-awaited literary statement, the **Moonstone**. It is always a thrill to anticipate the ultimate showcase for our fellow students' highest literary endeavors. We were anxious to see what latent geniuses would be revealed.

What a surprise we received! The geniuses lurking within appeared to be of a select group of questionable talent and ethics. The magazine which was conceived to represent the ultimate of literate ability has failed miserably—if it ever considered representing the University.

We cannot debate what passes for good taste. However, upon close inspection, it appears that all one need to do, to be published, is to use unnecessary, degrading street-language within psychotic themes, or to use abstract and unintelligent references to the jumbled youth scene. Admittedly, there may be latent meaning to some of these pieces, but they lose all significance through their delivery. The problem here is that pieces were supposedly chosen to represent the best talent on campus, through submissions. These works are a gross injustice. The publication of such works (and we refer to only the written material) can not be accepted to stand as our best. Even the few pieces which did achieve some success can not be a full, true representation.

And if this is not upsetting enough, consider a few disturbing facts regarding the authorship of these "art works". Naturally, we assume that the best measures possible were used to review these works anonymously. But it is beyond an intelligent person's credibility to believe, once the pieces were selected and the names revealed, that the staff and advisors failed to see immediately the gross misrepresentation they were about to commit. Of the 28 written pieces, 18 were done by a small group of 5 people. As many as 6 pieces were written by one author; another has 5, and so on. These figures, in themselves, prove little—except to show how confined the talent is at the University. But the problem goes further than that. These 18 pieces

were written by members of the **Moonstone** staff! This monopoly is unforgiveable! We are not objecting to the staff having submitted their work; what we object to is their indiscriminate favoring of staff-written works. Some form of limit should have been set. It appears to us that any fair-minded, conscientious editorial staff would have immediately sacrificed a few (8, 9 or 10?) of their own works in a supreme effort to balance the scales—in order to better represent those of us they asked to represent. Many striving authors were kind enough to submit their works and it should have been clear that the choice of works should have gone in their favor since the imbalance was visible. We feel confident that other student writers possess as much talent, if not more, as some of those who have been published. (And let's not forget the dubious quality of which has already been addressed.) Any monopoly is a dangerous practice. When applied to our literary outlet, it is an outrage.

This is more than a simple matter of not being able to please everyone. We realize that tastes vary and styles are often unique. But, considering the magazine as a whole (the uncertain themes, the unnecessarily coarse language, and the over obvious staff control) we must speak out against this publication. And no defense can be offered for the blatant force used to sell the magazine in class; this requires a separate article itself.

Is this to represent us at our best? We think not. Is this a first edition of a future tradition for ULowell? We consider it to be an embarrassment to the entire student body; and more so, an extreme statement against those who created it.

—Leslie C. Bland

for:

**Karen E. Svensson** **Carolyn Grey**  
**Eileen Rounds** **Kimberly Clough**  
**Valerie A. Poirier** **Pat Wallace**  
**Karen L. Page** **Sumner Peirce**  
**Joka Ingram** **Cheryl Meisner**  
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**Mary Howie** **Bob McCann**  
**Barbara Boisvert** **Marla Rawnsley**  
**Ruth Bornstein** **Leslie Maloomian**  
**Andra Grout** **David Pelletier**  
**Donald Moody** **Debby Murphy**  
**Cynthia Vaillancourt**



## Radioactivity Anyone?

In the past week, the most disastrous and by far the most frightening nuclear-related incident has taken place at the Three Mile Island nuclear power plant "just down the road" near Harrisburg, Pa. Government officials have related to the public that a certain amount of radioactive steam was given off by the malfunctioning power plant and there was "no need for over inflating" the potential threat to the citizens of the surrounding area, of which estimates have varied from 5 to 50 miles from the plant.

The potential threat to the citizens surrounding the plant is simple: cancer-causing radiation to people not detectable for at least 10 to 30 years from now. Of the people most likely to contract cancer are unborn fetuses and the young. So real was the threat to this part of the population that the state's governor ordered these same people to evacuate the area as soon as possible for health-related reasons.

Radiation is quite deceptive to human beings since it is odorless, invisible to the eye, and no real effects felt physically for many years to come. But the fact remains that the people of this country are exposed to government "allowable" doses per year and this incident has superceded all allowable amounts many times over. Still, the officials in charge of such allowable doses of radiation have insisted that the whole incident has been blown out of proportion and that there is no real danger to the people around the plant. However, people of the surrounding area seem to have a different opinion of the whole matter, as hundreds upon hundreds of the area's citizens have left before they have a radioactive glow about them instead of an aura.

It never seems to amuse me how millions of people's

lives can be affected by one incident, have a mass conclusion regarding the incident and then have our "representatives" turn around and go against the wishes of those who held enough faith and trust to put them in office in the first place. Basically, "We the People" are being called stupid and told that we don't know any better regarding our future by our own representatives. It is important to remember that this issue is not one of whether or not to pass a bottle bill but contains the elements of life (non-radioactive life) and death. Still, at the time this article was being written, Uncle Mel Thompson and our infamous Mr. King have refused to alter their stance on the issue of nuclear power. What will it take? Probably nothing short of 100,000 lives lost.

"We the taxpayers" should be outraged at the fact that we've all contributed our hard-earned dollars into a nuclear power plant that is now being considered junked at a financial disaster and loss of over \$1 billion. Not only are we throwing away precious dollars in the days of the eighty-five-cent-per-gallon of regular gas (and who can afford that, Uncle Sam?), but we are funding potential time bombs that have the potential to wipe out a minimum of 100,000 people at any given time. What makes any of us think it couldn't happen right here in Massachusetts at the Cape or at the beach or should I say what will be left of the beach at Seabrook? Radioactivity is no joke and it can happen to any state that carries nuclear power plants ... so the question remains. What will it take for "We the People" to have our voice heard by "our" representatives? Think about it.

—Frank Freitas, Jr.  
 Class of '81 — Maybe

### Alternatives For Individual Development Workshop/Lecture Series

This is a list of various workshops offered to University of Lowell students who would benefit from special services.

**ALL WORKSHOP OFFERINGS REQUIRE PREREGISTRATION.** For further information call Mr. John Bynoe at 452-5000, extension 2453 (Dugan 212) or Dr. Dirk Messelaar at extension 2337 (Southwick 319).

|       |    |           |          |       |  |
|-------|----|-----------|----------|-------|--|
| APRIL | 12 | Thursday  | 330-5    | S319  | Radicals and Complex Numbers                                       |
|       | 17 | Tuesday   | 330-5    | S319  | Improving Listening Comprehension in English                       |
|       | 18 | Wednesday | 3-430    | S319  | Speed Reading Techniques   |
|       | 23 | Monday    | 3-430    | S319  | Assertive Training for Women                                       |
|       | 26 | Thursday  | 3-430    | S319  | Solving Word Problems in Mathematics                               |
| MAY   | 1  | Tuesday   | 330-5    | S319  | Pronunciation Improvement: Diagnosis, Planning, and Implementation |
|       | 3  | Thursday  | 1130-130 | DU212 | Drug Use and Abuse   |

## Study Finds Most Drunk Drivers 20 Or Over

A new study shows that 86% of all persons arrested for operating under the influence of alcohol are already at or over the new legal drinking age of 20. This study, released by Probation Commissioner Joseph P. Foley, was made by the research unit of the Probation Office and covered all drunken driving cases in Massachusetts between February 5 and March 2.

Sixty percent of the people arrested for drunken driving over the one-month period were between the ages of 20 and 40 while over half the defendants were 26 or older. In addition, according to Foley, persons between 21 and 25 "accounted for the highest frequency of driving-under-influence-of-liquor charges," representing nearly 26% of the total sample. In contrast, only 14% of the people arrested were under 20 and would be affected by the new law.

However, the report noted that the 15-to-19 age bracket had a "higher than predicted frequency" of involvement in additional motor vehicle violations at the same time as the driving-under-the-influence incidents. Also, drivers in the 15-to-19 age bracket accounted for over 40% of the people charged with using a motor vehicle without authority, 33% of the personal injury accidents, and 26% of those charged with leaving the scene after causing property damage.

"If young people honor the new legal drinking age it is expected that the number of driving under influence of liquor defendants in the under-20 age group will be significantly reduced," Foley said.

Foley also said that another study will be made for the Probation Commission by Research Director Marjorie B. Roy after the new drinking age has been in effect for several months. This study will be compared with the Foley study to determine the effectiveness of the drinking age hike.

—Bob Weisman

## Fade Away And Radiate

In light of the recent turn of events in Middletown, Pa., I would like to bring to your attention another serious matter that must be considered...

No matter how far you sit from your TV you will get radiation poisoning. After all, if you're far enough from your own TV, you'll start getting poisoned by your neighbor's TV.

In addition to the X-radiation coming from the set's high-voltage supply, there are also gamma rays, infra-red rays, electron beams, light rays, and other dangerous electromagnetic radiations coming from various parts of your television.

Mr. George LeSpert of the World's Finest Television Manufacturing Corporation, Manufacturer of the World's Finest Televisions, claims that there is absolutely no danger to the set owner who follows the prescribed safety procedures. "If you stay at least fifty feet from your set," says Mr. LeSpert, "and wear the proper protective clothing, the worst that can happen to you is that you'll be sterilized. Of course, we haven't analyzed the long-term effects yet."

As one who has been faithfully putting in an average of thirty hours per week in viewing time for the past few years, I figure that I'm just about beyond all hope. Therefore, I will continue to risk my well-being in the name of self-indulgence. Get the message, people?

Portions of this were taken from The Coward's Almanac. This has been another article sarcastically written by...

—Tony Carpenito  
Box 2839N

## How Much Do You Know About CPR

How much do you know about First Aid and CPR? What would you do if a friend suffered a severe injury while with you? Would you know how to splint a fracture or recognize a serious injury if you were involved in an accident?

These are some of the things you will learn when you become a student trainer for ULowell Athletics. You will be trained in first aid, CPR, and evaluation and treatment of injuries. You will be able to assist our sports

teams, see most games at home, and even travel with them.

Learn these valuable skills and more, while enjoying ULowell sports. Come to our Student Trainer's Workshop Sunday April 22 at 6:00 pm in the Costello Gymnasium Training Room.

—George Carruth  
Athletic Trainer

### MINI STORAGE CENTER

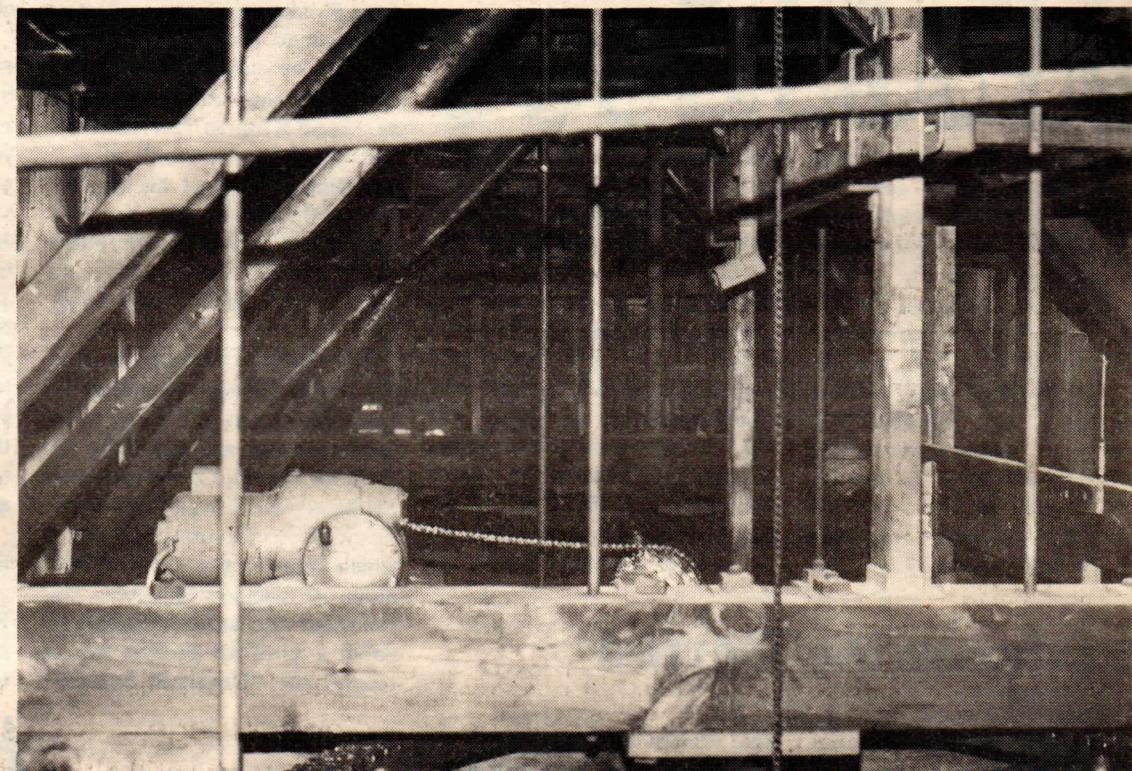
Near Sears, off Plain Street  
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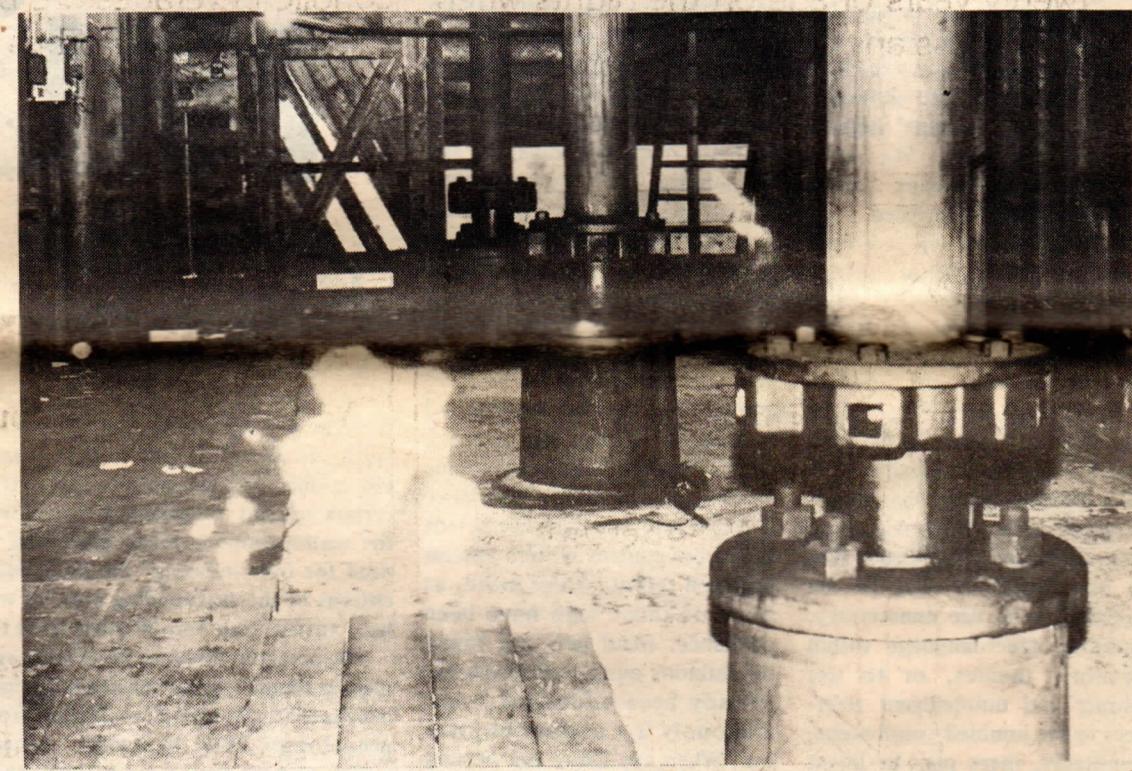
Call Mrs. Cleary  
454-3556

## Canal Control

How many times have any of you walked across the bridge to classes and wondered what was inside this building? Well, I did and found out once from some workers inspecting it. It is simply a Control House for the canal. The building itself was built in the 1860's. This well constructed and sturdy building has two inside levels and four shafts which connect to the water gates at the bottom of the canal. In the loft, the shafts are connected to gears and motors. This is upstairs to supply better torque. The only time the house is used is to drain the canal.



—Photo by Dan Danecki



—Photo by Dan Danecki

### Library Notice

A representative from the library will be present during the registration period April 23d-25th to collect payment for unpaid fines and unreturned library material. CLEAR UP YOUR OVERDUES NOW AND AVOID EXTRA PROBLEMS DURING REGISTRATION.

—Rosanna Kowalewski

(MEN - WOMEN)

## Students/Teachers

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**COMMONWEALTH PIER, BOSTON**

Now, for the first time, an industry trade show opens its doors to the running public. It's your chance to meet the manufacturers, preview new products, ask questions, get answers. Free seminars every hour. Share experiences with champions such as Glenn Cunningham, Jim Fixx, Gayle Barron, and many more.

It's the one big show for everyone  
who runs or jogs.

# NEW RAT SCHEDULE

Effective Tuesday, April 16, 1979, the Rathskellar will take on a new schedule. This schedule change is being made in order to cope with the change in the drinking age. It is hoped that with the following change the Rat will be able to continue to serve the entire student body to the best of the Rat's capabilities.

Sunday  
Wednesday  
Saturday

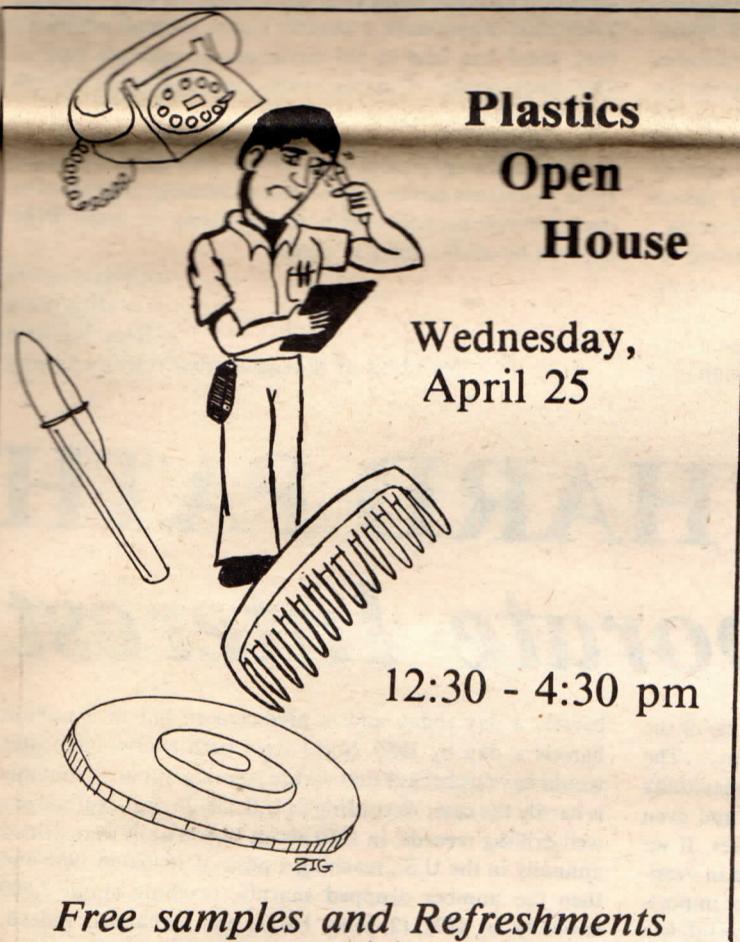
NO ALCOHOLIC BEVERAGES WILL BE SERVED.  
Open to all students.

Monday  
Tuesday  
Thursday  
Friday

ALCOHOLIC BEVERAGES WILL BE SERVED.  
Open to students twenty years of age and older. No one under the age of twenty will be admitted.

Validation stickers for ULowell IDs will be made available next week. These stickers are non-transferable and are intended to help the Rat in determining your age. These stickers can be obtained by presenting a driver's license or a birth certificate. ULowell students are still allowed guests, but these guests must be at least twenty years of age on the nights when alcoholic beverages are being served.

Address any comments or suggestions to either George Forbes box 328 N or Eamonn Hobbs box 46 N.



**Plastics Open House**  
Wednesday, April 25  
12:30 - 4:30 pm  
*Free samples and Refreshments*

## The Last of the Rat

Yes, the last time you can see a band on the second floor Rat.

### BIG CELEBRATION & PARTY

Friday, April 13th, 1979

Starts around 9 o'clock

**The end of an era!!!**

Special musical guests for the occasion —

**Eddie Shaw & the Wolfgang  
"Real Chicago Blues Artists"**

Also Live Broadcast of the events over WJUL

Produced by the Social Committee of the University of Lowell

# TICKET CENTER

Tickets for all major concerts in Boston and Providence.

Good seats at reasonable prices.

No longer do you have to wait in lines.

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IN THE S.I.C. North campus mailroom

(ask for Pattie Connor) Sponsored by the Social Committee in cooperation with LYCLE/VALENTI TICKET AGENCY



# ENERGY

## The Energy Issue: The Cost to the Environment

"We believe that all citizens have an inherent right to the enjoyment of pure uncontaminated air, and water and soil; that this right should be regarded as belonging to the whole community and no one should be allowed to trespass upon it by his carelessness, or his avarice, or even his ignorance."

State Board of Health  
Boston, Ma.  
October 1869

This statement shows that even 100 years ago people were concerned about their right to pure air, water and land, but when this statement was made the world did not have the need for energy it does today. The technology for using fossil fuels to produce electricity was in its infancy and the fission process had never been heard of. There are waste products from all forms of energy production. This article will look at the waste material created by coal and nuclear energy, its effect on man and the environment and the means of waste disposal.

One-sixth of the world's particulate pollution comes from coal burning plants. According to the National Academy of Sciences, stack effluents are responsible for about 25 fatalities, 60,000 cases of respiratory disease and \$12 million dollars in property damages. Solid waste also accounts for part of the 50 tons per hour of ash formed.

The principle waste from the burning of a 1000 megawatt coal burning plant is carbon dioxide. CO<sub>2</sub> is emitted from the exhaust stacks at a rate of approximately 24,000 tons per day. Carbon dioxide is not a harmful gas, but large amounts of it in the atmosphere may have a long term effect on world climate, resulting in a "greenhouse" effect which has the potential for melting the polar ice caps.

Sulfur dioxide is the most harmful pollutant released by a coal burning plant, emitted at a rate of about 430 tons per day. Most people show bronchial response to SO<sub>2</sub> at concentrations of 5 ppm (parts per million). When SO<sub>2</sub> mixes with water such as the water vapor in the atmosphere sulfuric acid is formed. The resultant acid rain damages crops and accelerates the corrosion of materials.

Various ways are being attempted to reduce SO<sub>2</sub> concen-

trations. One is building taller stacks, however this solution only spreads the SO<sub>2</sub> over a wider area. Another possibility is low-sulfur coal, but the gain is partially offset due to the lower heat value. There are attempts to combine SO<sub>2</sub> with catalysts such as magnesium-oxide, limestone and potassium. Unfortunately these processes do not remove 100% of the gas and create the disposal problem of large quantities of toxic sludge. Also these systems will reduce efficiency and add significantly to the capital cost of the power plant (as much as \$200 million). It seems that clean coal burning will necessitate clean coal fuels such as coal gas or coal liquids.

Another pollutant is the release of nitrous oxide, which is a poisonous gas, the main cause of photochemical smog. A large coal plant emits as much as 200,000 automobiles. NO<sub>2</sub> reacts with water to form nitric acid and also speeds up the reaction of SO<sub>2</sub> into sulfuric acid. Possibilities to reduce NO<sub>2</sub> concentrations are reduction of excess temperatures and air in combustion, flue-gas recirculation, scrubbing and catalysts. Benzpyrene, the major cancer causing agent in cigarettes is also a stack effluent.

The waste from a nuclear plant differs from that of a coal burning plant of the same size in two ways; one, there are less waste products released and their harm comes not from their chemical properties, but from their radiation.

In a light water reactor (the type now used for the production of electricity in this country) the fuel initially consists of a mixture of two uranium isotopes, approximately 3.3% fissionable <sup>235</sup>U and the rest non-fissionable <sup>238</sup>U. The fuel goes through a reaction which results in a number of nuclear by-products. Over a three year period, for every 1000 kilograms of initial uranium 24 kilograms of <sup>238</sup>U and 25 kilograms of <sup>235</sup>U are consumed, producing 800 million kilowatts of electricity. The uranium is converted into 35kg. of fission products (14kg. of plutonium and other heavy elements).

After spent fuel is removed from the core it is stored for several months to allow most of the radioactivity to decay. The fuel can then be sent to a reprocessing plant where uranium and plutonium could be removed to form new fuel. The remaining waste would then be referred to as high level

waste. The total volume of waste produced annually by a 1000 megawatt reactor is about 2 cubic meters (about the size of a dining room table).

The easiest way of disposing of high level waste is to bury it deep underground in a stable geological formation away from ground water and in an impervious form, where after 3-500 years the radioactivity would be less than the natural activity in the original ore.

Current plans for handling high level radioactive wastes calls for their incorporation into a glass cylinder about 300 centimeters long and 30 centimeters in diameter. There is a single solidification process where the waste is converted into a fine powder inside a calcining chamber, then mixed with a glass frit (like Pyrex) and melted into a block of glass within a thick stainless steel container (like a Thermos).

An entire year's waste from a plant would fit into 10 containers. The total waste generated annually by an all-nuclear electrical producing force in the United States would occupy an area of less than one square kilometer and cost about \$200 million, adding only a few percent to the electric bill.

Radioactivity is also emitted from coal plants in the form of radon gas. In fact more radioactivity is emitted from a coal plant during operation than from a nuclear plant.

Besides the difficult problems identified above, thermal pollution is associated with both types of power plants. Since coal plants have a slightly higher thermal efficiency they reject less heat to the environment (Second Law of Thermodynamics). Cooling towers are used in sites where this is a problem.

In summary, we can say that pollution is a by product of all types of energy production. As time goes on the effects of these pollutants can be studied and technology developed to decrease their harmful effects, so a clean environment can be enjoyed by all for years to come.

—Carla Borrelli  
—Roy Bays  
—Rene LeClaire

Members of Massachusetts Voice of Energy

## Part I ENERGY: THE HARD PATH *Public Interest or Corporate Interest*

In 1939 President Franklin Roosevelt sent Congress an energy message which warned: "our energy resources are not inexhaustible, yet we are permitting waste in their use and production. In some instances to achieve apparent economies today, future generations will be forced to carry the burden of unnecessarily high costs, and to substitute inferior fuels for particular purposes." Today the message expressed in this statement has echoed all over the industrialized world. Americans however, even though aware of the multi-faceted energy problem, still do not believe we have a problem, even though warnings such as President Roosevelt's almost 40 years ago persist. It seems to reason that as soon as front page headlines fail to mention energy related problems, the U.S. citizenry go about their lives as if nothing has happened. Once the problems are overcome or become a routine feature of life, short term crisis management is credited with the solution only to be relied upon again in the not too distant future.

Within the last several years, the United States, the most powerful and technically advanced society on earth has been confronted by a series of crises which have a deep rooted beginning in F.D.R.'s energy warnings. The apparent shortages of energy, and the unexplainable decline of the economy in recent years can all be attributed to energy and its role in an industrialized society. For the U.S., with about 6% of the world's population, consumes about 50% of the world's natural resources and approximately one third of the world's total energy supply. Of this supply, the U.S. depends on petroleum for about 50% of its needs, and is currently importing 50% (3 billion barrels per year) of this from foreign sources... This is one of the principal reasons for our negative balance of payments problems... The cost of dependence on these sources presently runs at an annual rate of \$44 billion which is one of the causes of our balance of

trade deficit of some \$30 billion a year, and also one of the major causes of our currency and gold problems... The consequences of this type of annual deficit policy inevitably will be severe inflation, growing unemployment and even domestic economic vulnerability to foreign sources. If we don't do something to curtail imports as proposed in President Carter's 1977 National Energy Plan, we will be importing about 12 million barrels of oil a day by 1985; the bill will be about \$100-\$125 billion in 1977 dollars, and our balance of payments deficit could approach a staggering \$100 billion a year...

The diagnosis of the U.S. Energy situation is quite simple: demand for energy is increasing, while supplies of oil and natural gas (not to mention O<sub>3</sub> U<sup>8</sup>) are diminishing. Unless the U.S. makes adjustments before world oil becomes very scarce and very expensive in the 1980's, the nation's economic security and way of life will be threatened...

### Recent Occurrence

The United States is the world's largest consumer of oil products. We are the only major country whose oil imports in 1977 were above the level of 1973, during the Arab Embargo. "In January and February of 1977, the U.S. imported about 9 million barrels of oil a day, half of domestic consumption." (The Energy Issue Part III by MVOE, stated that we consume 42 million barrels of oil a day; these figures are wrong in that this is total energy equivalent — not just petroleum consumption.) this is the first time that we have exceeded importing more than 50% of our oil needs... Today according to the Dept. of Energy (statement issued on 3/20/79) we are consuming 22 million barrels of oil per day, 50% of which is imported... The major reason for this incredible amount of importation is the fact that declining domestic production has fallen from 11 million barrels a day in 1973, down to less than 10 million

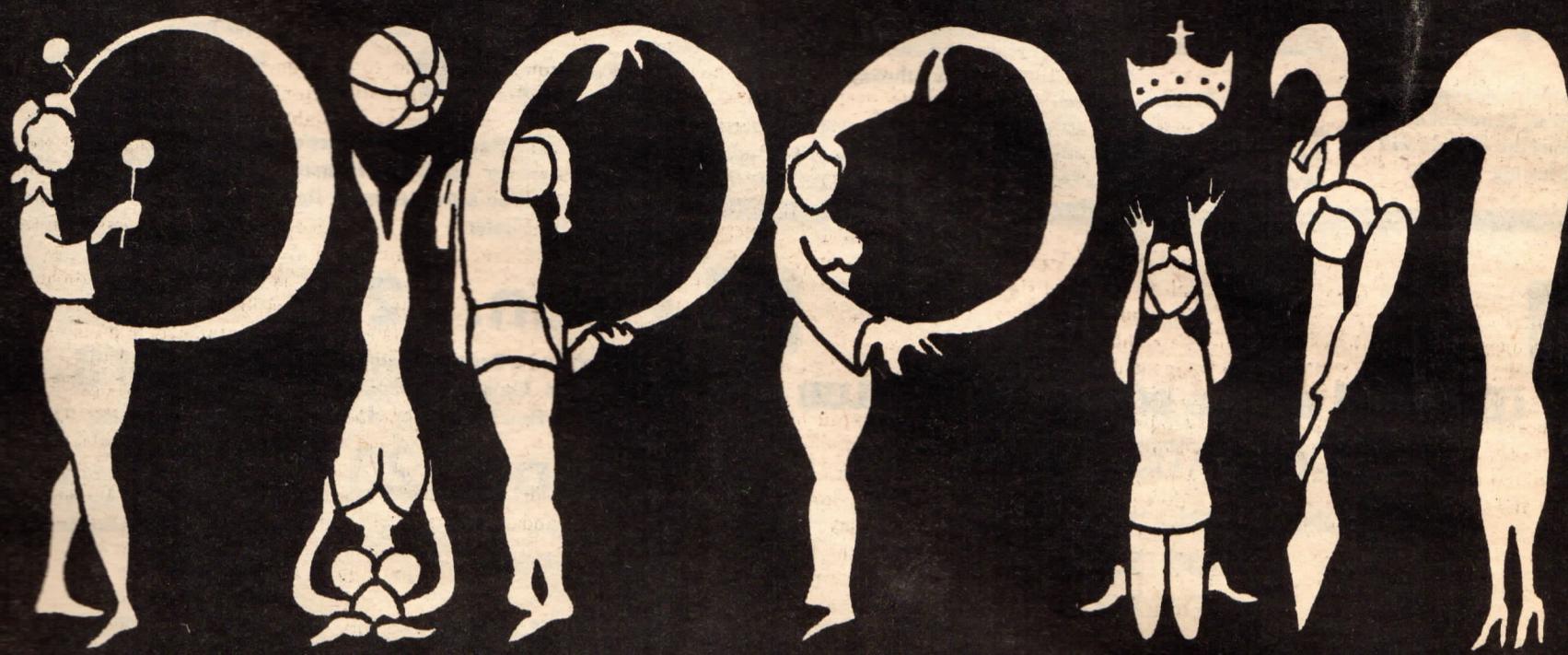
barrels a day today and is predicted to fall to 9 million barrels a day by 1985. Some hard path energy advocates would have us believe that we are running out of oil, but this is hardly the case. According to U.S. Geological exploratory well drilling records, in 1950 about 10,000 wells were drilled annually in the U.S., reaching a peak of 16,000 in 1956 and then the number dropped sharply, reaching about 7,000 annually in 1971 (2 years before the embargo). Indeed, according to a Mr. A.D. Zapp, a geologist, potential deposits of recoverable oil in the U.S. amount to about 600 billion barrels. The U.S. Geological Survey found that the recoverable reserves in the U.S. are in the 400-450 billion barrel range. It seems to follow that we are not necessarily just running out of oil, but that the oil companies are making progressively less efforts to look for it. Or maybe it could be the fact that it costs .10 cents a barrel to produce Middle Eastern oil in comparison to the \$1.50 - \$2.00 per barrel to produce U.S. domestic reserves. I guess the oil companies need greater profits to enhance their cash flow, so what the heck, let them go to the Middle East and obtain greater profits and sell us the more expensive imported oil — why not. (?????) But the fact remains that we are consuming and wasting too much energy. I believe when decontrol of oil price legislation passes, we are going to see a major increase in drilling facilities in the U.S., unless, of course, a windfall profit tax is included (this would absorb profits of the oil companies).

The world now consumes 20 billion barrels of oil annually, with the U.S. alone consuming 7 billion annually. "To maintain this rate of consumption and keep reserves intact, the world would have to discover another Kuwait or Iran roughly every three years or another Texas or Alaska every six

(continued to page 9)

**At The University Of Lowell**

**April 25, 26, 27, and 28**



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bring your ULowell I.D. to Room 356 of the South Campus  
SUB between 10:00 and 4:00Mon. thru Fri. and you can get one.  
Thanx.**

# THE CALENDAR

## Thurs. 12

11:00 AM — **Pastel Portrait Demonstration and Lecture.** Art Department, Dugan Building, South Campus.

8:00 PM — **University Band**, conducted by J. Alan Whiston, and Concert Band, conducted by Thomas Elliot. Guest artist, Gary Shaw, plays trombone. Durgin Hall.

## Mon. 16

1:00 PM — **Arnold Air Society vs P/R** in softball; Solomon at 6:00. On Wednesday the 18 there will be a General Meeting at 4:30.

**Patriot's Day** - University Closed.

## Tues. 17

8:00 PM — **Symphony Band**, conducted by J. Alan Whiston, in a performance of works by Barber and Holst.

## Wed. 18

2:00 PM — **Afternoon Concert**, hour with guest pianist Dr. Eleanor Carlson. Durgin Hall.

8:00 PM — **Wind Orchestra**, conducted by Willis Traphagan featuring selections from Kurt Weill's "Three Penny Operas"

and the Stravinsky "Octet". Natale Paella directs the Studio Orchestra in "Music for an Unwritten Play" by Jim Knight, Allyn Ferguson's "Passacaglia and Fugue", and "Three Little Feelings" by Modern Jazz Quintet member John Lewis. Durgin Hall.

## Thurs. 19

**IEEE Student Conference** to Southwestern Massachusetts University. Lectures, seminars, demonstrations, workshops and a wine and cheese party. The conference runs through April 21.

7:00 PM — "The Event of the Year; The English Dept. Roasts Arthur Friedman!" In the theatre

on the third floor of Fox Hall. Tickets for members — \$1.50; non-members — \$2.00. Tickets may be purchased from any Literary Society member.

**Film-Realms of the Fantastic and Dada and Neo Dada**, Art Department, Dugan Building, South Campus.

8:00 PM — **Percussion Ensemble** conducted by Everett Beale, performs in a joint concert with the Studio Orchestra II, under the direction of Fred Buda.

## Fri. 20

9:00 AM — **Radiological Science's** will sponsor an Open House. There will be a tour through the Nuclear Center.

## Sun. 22

3:00 PM — **Baritone Ralph Farris** of the University College of Music faculty. Durgin Hall.

## Mon. 23

8:00 PM — **Art Buchwald** at Cumnock Hall.

4:30 PM — **IEEE General Meeting** in BL 326. Nominations forms for 79-80 elections must be submitted no later than this time. Forms now available from Prof. Spurk (BL 305) or Martin Pyykkonen (Box 2357N).

8:00 PM — **Heritage Brass Quintet**, faculty members Natale Paella, Jeanne Paella, Susan Fleet, Gary Shaw, and Gary Offenloch in a program including "Sonatine" by Eugene Bozza, "Quintet No. 3" by Victor Ewald, "Four Movements for Five Brass" by Collier Jones, and a reorchestrated Bach Fugue. Durgin Hall.

## Tues. 24

11:00 AM — **Watercolor Demonstration and Lecture.** Art Department, Dugan Building, South Campus.

## Thurs. 26

11:00 AM — **Film: "Hundertwasser's Rainy Day".** The German artist Hundertwasser is seen at work. His background and the process of creation is examined in this film.

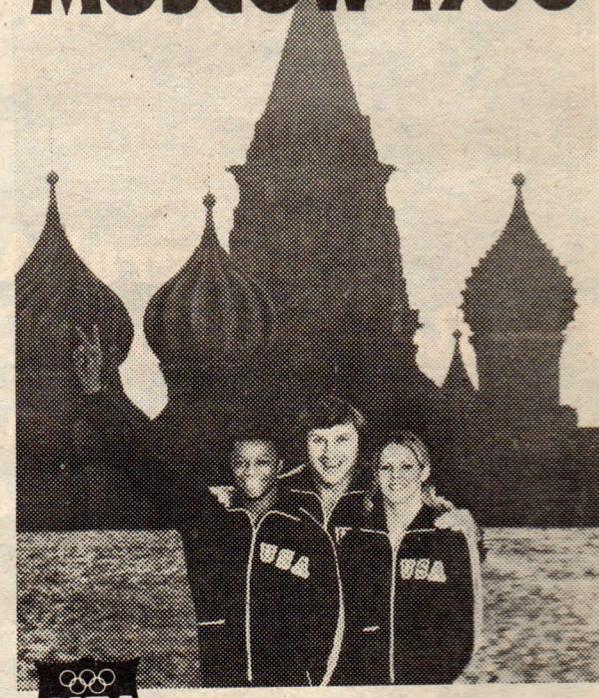
## This Week In The Rat

|           |           |   |
|-----------|-----------|---|
| Thursday  | 8:00-1:00 | Folk Night featuring Tom Kelly Special — Rum 60¢            |
| Friday    | 3:00-6:00 | Happy Hour  |
|           | 8:00-2:00 | 1st floor Stereo  |
|           | 8:30-1:30 | 2nd floor Eddie Shaw and the Wolfgang Special — Tequila 60¢ |
| Saturday  | 8:00-1:00 | TV & Stereo Special — Amaretto 60¢                          |
| Sunday    | 8:00-1:00 | TV & Stereo Special — Seagram's 7 70¢                       |
| Monday    | 8:00-1:00 | TV & Stereo Special — Vodka 60¢                             |
| Tuesday   | 8:00-1:00 | TV & Stereo Special — 25¢ Miller and Lite                   |
| Wednesday | 8:00-1:00 | DISCO NIGHT<br>(No Alcoholic Beverages will be served.)     |

**Note:** Beginning April 16th, Alcoholic beverages will be served on Monday, Tuesday, Thursday, and Friday nights. No Alcoholic beverages will be served on Sunday, Wednesday, and Saturday nights.

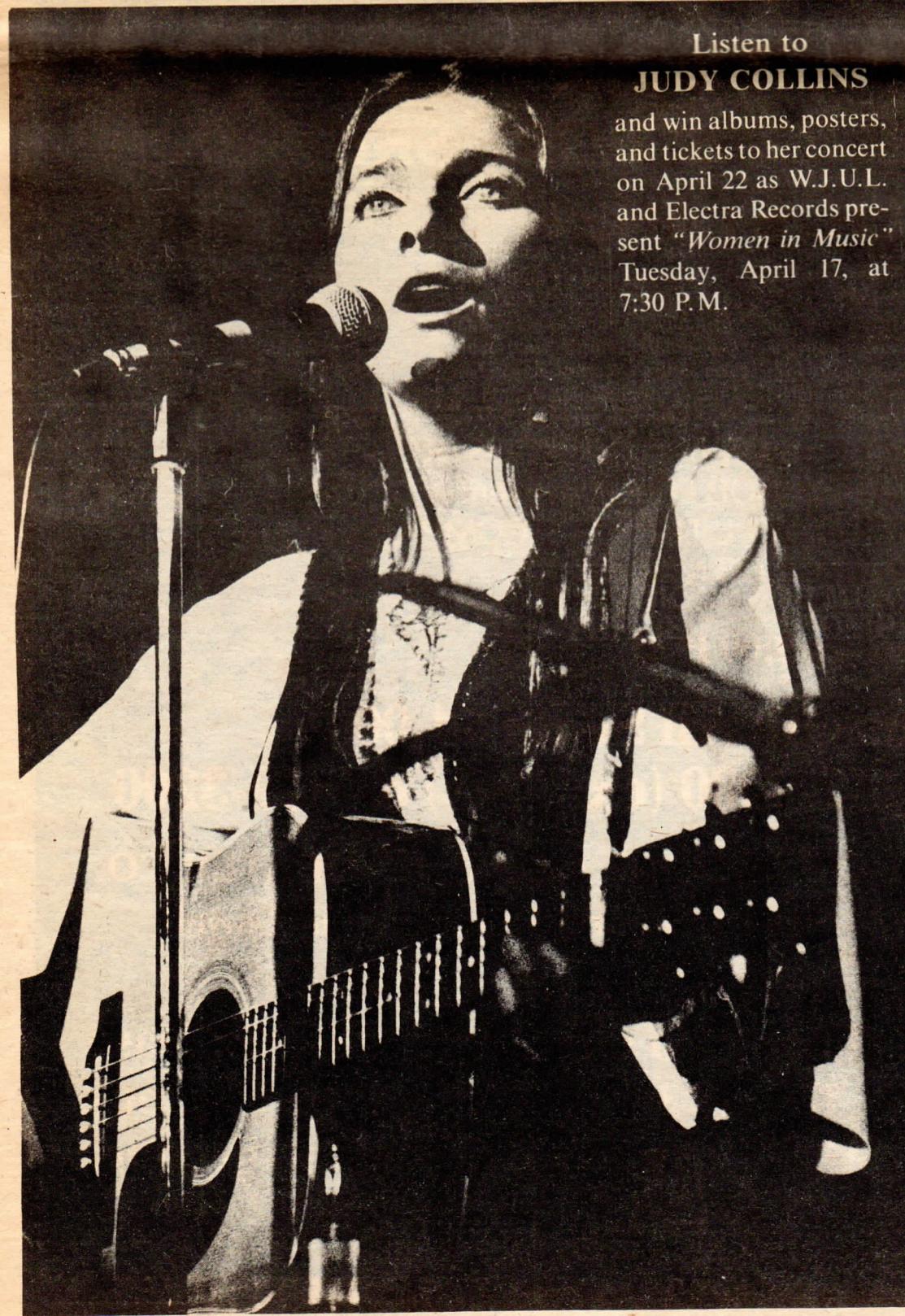
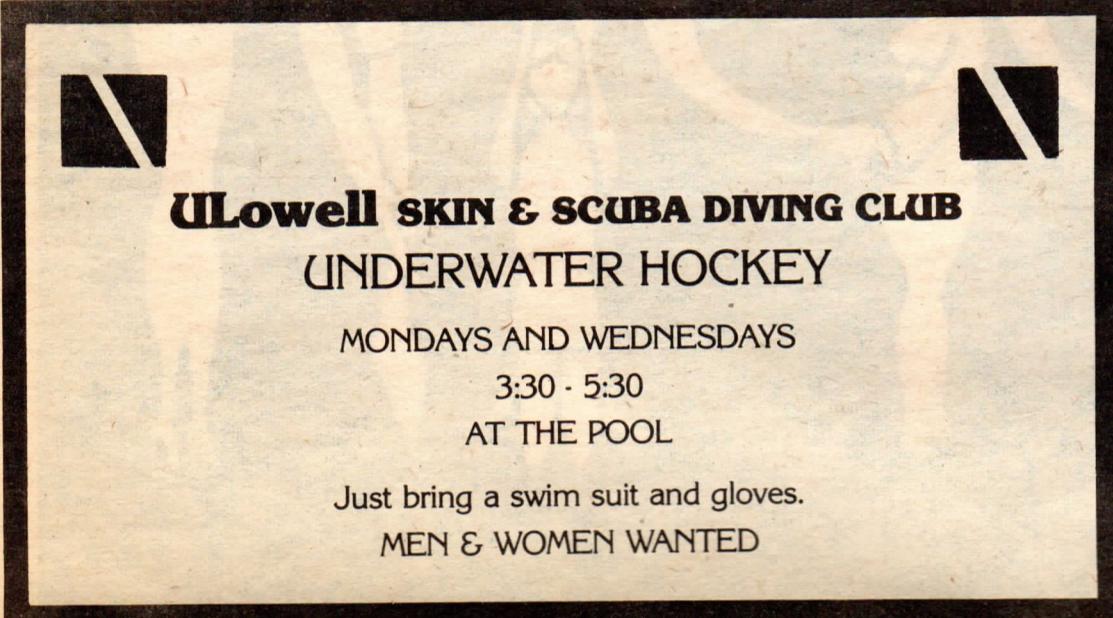
On Alcoholic nights, ULowell Students must have in their possession an identification showing proof of age (Driver's License).

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# Part I ENERGY: THE HARD PATH

(continued from page 6)

months." Obviously we (Americans especially) have to curb our consumptive appetites. We must especially curb the demand in the transportation sector alone, which makes up 28% of our energy posture. Every day 6 million barrels of oil are used to run cars, trucks (very poor BTU per mile of payload efficiency), airlines and electrified transport facilities and others. Unfortunately however, the mass transit facilities were doomed for failure with the automobile's emergence. In the last 25 years people using mass transit systems declined from 19 billion to less than 6 billion today... But whose fault was this? Indeed, with the ushering in of the auto industry and its subsequent effect on oil corporations, big corporations systematically bought out and scrapped electric transit systems throughout the nation... On page 178 in Barry Commoner's book *The Poverty of Power*, Commoner makes reference to a case dealing with corporations' effects on mass transit... "In San Francisco in 1945, a corporate front for GM, Exxon and Goodyear tire took over the Bay Transit Co. and shortly after sold it. Terms of the sale required that the buyers junk the trolley cars and replace them with buses built by GM, using only Exxon gasoline and Goodyear tires. In this fashion these multinational corporations blotted out 100 electric railway systems in 45 cities. In 1949 they were convicted of criminal conspiracy. GM was fined \$50,000, and its treasurer who had engineered the scheme to do away with \$100 million worth of the nation's transit system was fined \$1.00 dollar... This same transit system that the massive "OIL" companies and car companies helped destroy could have gone far towards contributing to a viable energy plan...

#### Future Alternatives: NONE

Where is America's energy plan leading us? Is it leading us to viable alternatives for future generations? By controlling and investing in the various energy related fields, the energy corporations are sure to guarantee themselves high rates of

return. The first and most significant display of such behavior has been in gaining control of non-oil energy reserves especially in the U.S. This massive expansion occurred in the early 1960's when the major oil companies diversified into coal and uranium. Approximations of the total extractable reserve base of coal in the U.S. is generally believed to be about 437,000 million short tons. Of this, approximately 51,521 million short tons or 11.8% of the total reserves is held by oil companies which are amongst the 20 largest corporate holders of coal reserves in the U.S. These top coal reserve holders include Continental Oil, Occidental Petroleum (a subsidiary of Exxon), Gulf Oil, Mobil Oil, Exxon, Champlin Oil, Kerr McGee (the largest uranium company in the U.S.) and Sun Oil...

With regard to uranium in the U.S., government officials reported that oil companies had the following percentage shares of various facets of the industry by 1960 (up to date approximations are only available through the oil industry; the government gets its statistics from the oil companies): production 14%, exploration and drilling 40%, reserves 45%...

Kerr McGee and Exxon, two out of the top five firms in the nation in terms of uranium milling, comprise 68% of the nation's total production capacity. Kerr McGee holds a commanding edge with about 25% of total U.S. capacity.

Indeed, the oil companies have a very strong position in uranium mining and milling. Altogether they hold about 47% of those uranium reserves now estimated to be available at prices of \$30.00 a pound or less. The Kerr McGee company is the largest, with 21% of the nation's total. The next largest holder of reserves is Gulf Oil with 11.6% of the total, followed closely by Exxon.

A recent report of the American Petroleum Institute indicates that oil companies' uranium reserve holdings are almost exclusively limited to deposits capable of producing  $U_3O_8$  at \$15 - \$20 a pound. Of these lower priced reserves, oil

companies are said to hold upwards of 71.8% of domestic amounts, with Kerr McGee holding 33% of the total and Gulf Oil holding about 18%. In concluding I would like to say that it seems apparent that the future energy of the U.S. has already been decided for us. Next week I will discuss coal gasification and coal liquification (synfuels) and why these centralized energy positions are being given serious thought. I will try to conclude this "Hard Path" energy discussion next week (space permitting) by analyzing other energy institutions (fission and fusion) and dealing with alternative energy posture which must be considered in light of the hard path. This will include cogeneration (past and present), "garbage power," wind power and hydro power. **NEXT WEEK: HARD PATH CONCLUSION...**

All information in this discussion was obtained using Barry Commoner's *The Poverty of Power*; Carl Solberg's *Oil Power: The Rise and Fall of an American Empire*; Michael Tanzer's *The Energy Crisis*; Robert Engler's *The Brotherhood of Oil*.

All of the statistics pertaining to oil companies' holdings of "non-oil" reserves were gathered using U.S. Department of Energy material. These include *Energy in Perspective: 3 years later*, by James Hill, Oak Ridge Deputy Manager. I especially used "What Should the Energy Posture of the U.S. Be?" compiled by the U.S. Government's Congressional Research and Printing Office, Washington, D.C. This included: page 141, "Holdings of Non-petroleum Energy Reserves by Oil Companies;" page 231, "Soft versus Hard Path," by Amory Lovins; and a critique of Lovins' Strategy by Harry Perry and Sally Streiter, page 259; "Alternative Energy Technologies: Prospects and Problems" by U.S. Congressional Research Service 1978. The government has plenty of material they will send you, so please send away for energy information!

—Leo A. McGuire  
Box #6112 (South)

## Energy Awareness Fair

Energy is an issue touching everyone's life. We all require it, we all consume it, and we all pay for it in one way or another. Our nation's energy policy is crucial to the future of each and every one of us, as well as to the generations we will leave behind. As citizens, we all have the opportunity of helping to create that policy. Being informed and exchanging ideas are steps along that process.

In that spirit, the Sociology Club and Mass. PIRG are sponsoring an Energy Awareness Fair at ULowell, April 23-26. The various events—which include films, forums, slide shows and demonstrations—will be held on both campuses, in the evening as well as in the daytime.

Some of the topics to be covered are: the hazards of nuclear waste, nuclear economics, the Karen Silkwood case, the

health effects of radiation, plus solar and alternative technologies. Speakers from the Energy Policy Information Center, MIT, and Environmentalists for Full Employment, among others, will be present. Available at all events will be a wide variety of literature on energy related issues.

There will be posters going up soon, to list the specific times and places of the events, but we urge everyone to set aside some time now. Bring your ideas, your questions and your friends. It's an issue we can't ignore.

For more information and sign up sheets for energy related activities, come to Coburn 205D (Sociology Club). Or contact Natalie at 433-9857 and/or Dave at 452-2931.

Join us,  
—Members of the  
Sociology Club and  
Mass. PIRG



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—Rex Reed, New York Daily News

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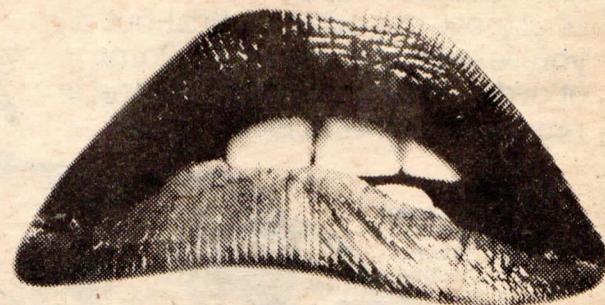


A.V.S. MOVIE OF THE WEEK  
TUES 4/17 AND THURS. 4/19 AT 7:30 PM

### NOTE:

The South Campus Pub will be closed  
on Friday afternoons.

**Friday April 20**  
**Cumnock Hall**  
Two shows 9:00 and 12:00 P.M.  
\$1.25 — ULowell Students  
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Reduced rates for people in costumes



**THE ROCKY HORROR PICTURE SHOW**  
a different set of jaws.



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## Mountaineering #5.

# REGULATION GARB

You, a faithful follower of this space, have been a mountaineer for some time now. You've studied the fundamentals, selected your gear and experimented with methodology. In short, you are nobody's fool. Nonetheless, you also know a little knowledge is a dangerous thing. So you want to learn more. Smart thinking.

First, you must realize that once the basics of mountaineering are mastered, it is only nuance which distinguishes the true artists from the merely adequate. Therefore, attention to detail, especially in matters of clothing, is vital.

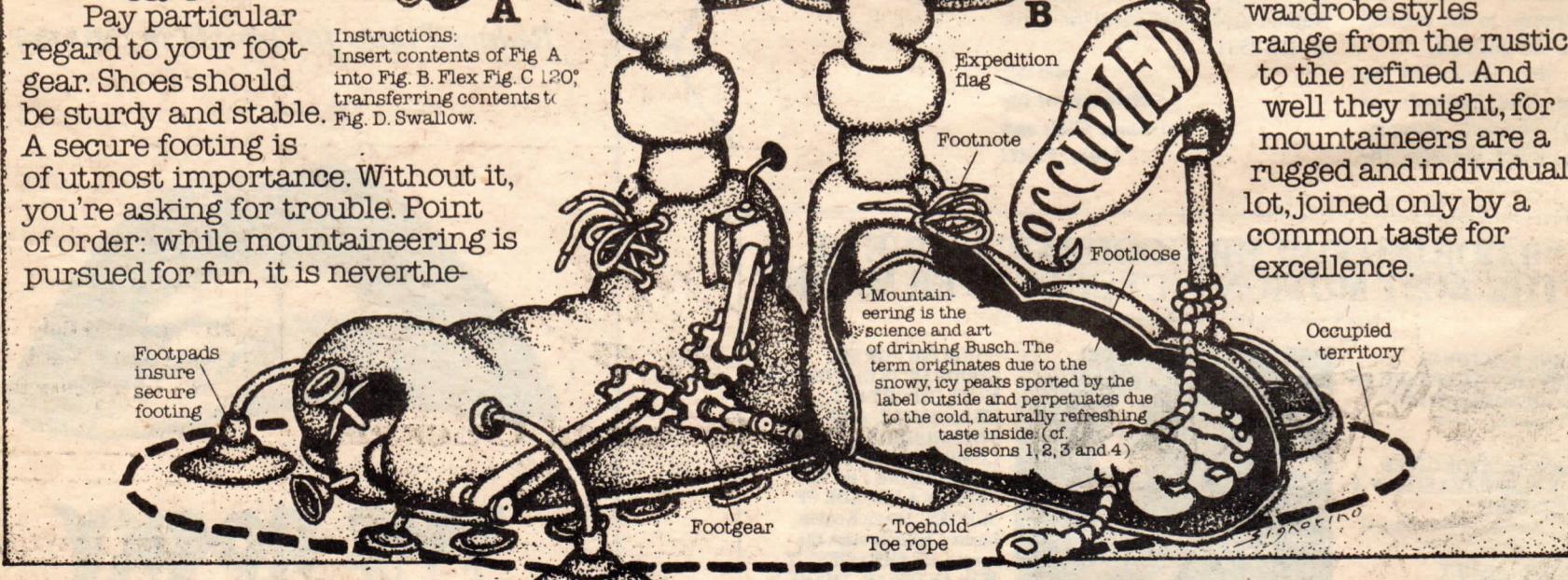
Always protect the head according to seasonal fluctuations. In winter, a warm hat is mandatory. (The head, after all, is the chimney of the body. Avoid cerebral heat loss - it diminishes your psychophysio abilities.) In summertime, a sun visor or a billed cap will guarantee crucial visibility among the craggy peaks.

Pay particular regard to your footgear. Shoes should be sturdy and stable. A secure footing is of utmost importance. Without it, you're asking for trouble. Point of order: while mountaineering is pursued for fun, it is nevertheless

less serious business. If you are going to down the mountains, rather than vice versa, you must be confident of your standing.

Between the head and the feet lies the area known to pros as "the body." Mountaineering bodywear is usually based on personal preference. However, keep a keen eye out for one common criterion. Your clothes should be comfortable and flexible, allowing for open movement, specifically in the vicinity of the arms. A free and responsive arm is a mountaineer's best friend.

Certain accessories, of course, complement and complete the regulation garb. Expedition flags to mark your territory in public places, connecting ropes for those who prefer the security of mountaineering in tandem and backpacks filled with beer nuts, mugs, bottle openers and other paraphanalia. Beyond these standards, wardrobe styles range from the rustic to the refined. And well they might, for mountaineers are a rugged and individual lot, joined only by a common taste for excellence.



# BUSCH®

Don't just reach for a beer. Head for the mountains.

# Education Testing Monopoly

The next time you pick up a well-sharpened No. 2 pencil and begin to answer a standardized, multiple-choice test, chances are that your test is one of more than eight million given annually by the Education Testing Service (ETS). You may know ETS manufactures SATs, LSATs, GREs, and GMATs. With these tests alone, ETS influences the educational and career opportunities of millions of people. But the power of ETS does not begin or end with those tests.

ETS markets 299 different tests. ETS tests are used to determine entrance to over sixty occupations including firefighters, actuaries, policemen, real estate brokers, sailors, teachers, gynecologists, engineers and auto mechanics. ETS test results are the standards of access to some of the most powerful professions: Foreign Service officers, New York stockbrokers, lawyers in over 40 states, CIA agents. Two million elementary students take ETS tests, and ETS is even developing ways to test infants. ETS helps determine who will be eligible for financial aid and how much they will receive. The financial information ETS obtains on nearly two million families is more detailed than a mortgage application or an IRS return. ETS consultants and trainees help shape education and labor allocation policy in scores of countries, including Singapore, Brazil and Saudi Arabia. And ETS has test centers in 120 countries.

In thirty years, probably 90 million people have had their schooling, jobs, prospects for advancement and beliefs in their own potential directly shaped by the quiet but pervasive power of ETS.

What is the Educational Testing Service? How has it centralized so much power? Is it accountable to anyone, or anything? Should your opportunities be so influenced by ETS's standards of aptitude or intelligence?

Despite its massive influence, few people question ETS. Students may want to tear up test

forms in moments of frustration, but few of us think of challenging the corporation that makes the tests.

Indeed, ETS is, in non-dollar ways, a large corporation. It has more customers per year than GM and Ford combined. Despite its non-profit status, it declares roughly a million dollars in "non-profits" each year. This money is plowed back into corporate expansion and maintaining the ETS estate, which includes a 400 acre headquarters in Princeton, New Jersey, a \$250,000 home for the president, and a three million dollar hotel/conference center - all built with student test fees. Its revenue from test fees enabled ETS to double in size every five years from 1948 to 1972, a rate of growth faster than IBM.

ETS's sales and near monopoly power, combined with its privileged legal status as a non-profit corporation, make it unprecedented in corporate history. ETS is exempt from federal and state income taxes, is effectively beyond the reach of many anti-trust laws, and has no stockholders. ETS escapes the restraints governing other corporations because it is an "educational" institution.

The power of ETS is massive, as even one ETS executive conceded. "No matter what they try to tell you here about how we really don't have much power," he said, "we know we do. We know we're the nation's gatekeeper." This gatekeeper can determine who enters college, graduate and professional schools, as well as many occupations and professions. Is that power legitimate?

ETS defends its role as the gatekeeper by claiming it has developed the "science of mental measurement," but as reports argue, the tests measure nothing more than how you answered a few multiple-choice questions. The correlation between SAT scores and first-year grades in college, for example, is often lower than the correlation between the test scores and the income of the test taker's parents. At best, standardized

tests measure the specialized skill of test-taking, but they do not measure key determinants of success such as writing and research skill, ability to make coherent arguments, creativity, motivation, stamina, judgment, experience or ethics.

ETS not only influences how institutions judge individuals however; it also influences how individuals judge themselves. A false self-estimate or image is instilled in the mind of the individual who receives a standardized test score. For although the scores are significantly determined by social class, she/he is told they are objective, scientific measures of the individual.

Moreover, test takers are subject to numerous injustices, ranging from incorrect scoring of tests, to late reporting of applicant information, to secret evaluation of grades and test scores — and they have no recourse.

We must begin to examine the examiners.

There is a growing movement to reform and restructure the testing industry. In New York, Ohio, Texas and other states, PIRGs have introduced "Truth in Testing" legislation in their state legislatures. This legislation would force ETS and other testing companies to disclose test questions and answers, and all studies and data on the tests; it would also require companies to keep information on applicants confidential. Disclosing test answers would enable students to contest disputed answers, and thus eliminate much of the mystery surrounding the tests. ETS has said it is willing to release 99% of its test data. But the bulk of this 99% is the material provided by the test-takers themselves—name, social security number, etc. It is crucial that they disclose that last one per cent, as it includes ETS's extrapolations from the information provided by the test-takers—such as predictions of future academic success.

Students now have the opportunities to challenge the test makers.

—Susan Campbell (Mass PIRG)

## P.S.I.C.S. Stop & Think

First an advertisement... P.S.I.C.S. is sponsoring a Birth Control and V.D. Seminar on Thursday, April 12. There will be 2 seminars for student convenience. One will be from 11 A.M. - 1 P.M. in the South Campus Media Center, Room 222. The other will be from 7 P.M. - 9 P.M. in Towers 501. Family Planning and the Mass. Dept. of Public Health will be speaking. It is a worthwhile presentation, and is FREE. We hope to see you there.

This week P.S.I.C.S. is presenting an article which is different from our previous presentations. It will call for the reader to examine his or her own feelings, consciousness, and opinions. We are not telling you what is right or wrong... we just want to get the wheels in your heads turning, maybe from a different perspective than before. First though, a few definitions must be presented as pertaining to this article.

1. A norm is an average standard or model regarded as typical for a group. It is NOT THE IDEAL.
2. Homosexual behavior is regarded as engaging in sexual relations with same sex partners.
3. Heterosexual behavior is regarded as engaging in sexual relations with the opposite sex.
4. Bisexual behavior is regarded as engaging in sexual relations with both sexes.

In the United States, the sexual norm seems to be heterosexual behavior. Homosexual and Bisexual behavior violate this norm, thus are regarded as deviant. However, how do we define normal?

In some cultures, homosexual behavior is common and acceptable. In some, homosexuals are not only given acceptance, but special social status. However, in the U.S. and Western Europe, and some other cultures, Homosexuality is condemned. Again, who is right? Who is wrong? Is there any right answer?

Our conceptions of the world are formed largely by our social conditioning. Our culture is very different than others, but is ours the ideal???

We ask that you stop and ponder the issue, before you make judgments on any individual in regards to their sexual behavior. Perhaps one can see beyond mere "social conditioning."

—Denise Nadeau #1059  
Maurice Fauvel #5268

## IFSC

The Inter-Fraternity Sorority Council held its meeting on Tuesday, April 3, 1979 at 7:00 pm. Tom Maroon (president of IFSC) made it clear that all "Greeks" would strictly adhere to the new "Drinking Age" ruling which will become effective April 16, 1979 at 2:00 am. He also emphasized the dangers and penalties for a fraternity or sorority if they were found serving minors.

Tuition hikes was another important issue discussed during the meeting. Tom requested of the council to support President Duff in his aim in getting tuition increased within a four year spread.

IFSC has formed a Constitu-

tion Committee to review and possibly rewrite its constitution. This is to keep up with the IFSC's new rulings such as the Social Rules of Conduct which has been mentioned in previous articles.

IFSC is searching for a staff or faculty member within the University to act as an advisor to the council.

On a more positive note, the Greeks received their review from Dean King in regards to "Greeks" on campus. The Dean's review was a most favorable one with the hopes that all Greeks will continue their good behavior.

—I.F.S.C.

### Stage Crew Meeting

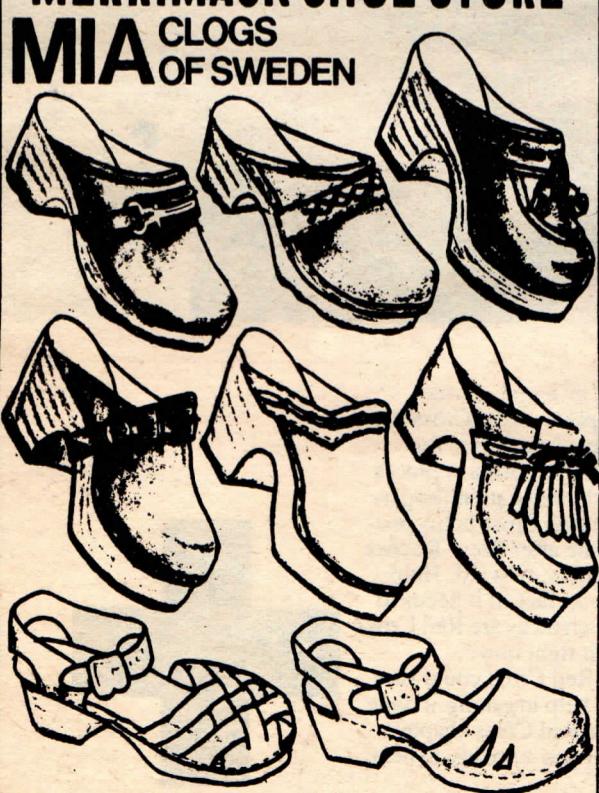
Tuesday, April 27th  
7:30 P.M. — 5th floor FOX

## TOWN PIZZA

411 BRIDGE STREET  
459-3488

SUN. THRU WED.  
11 A.M. — 1 A.M.  
THURS. TILL 3 A.M.  
FRI. & SAT. 11 A.M. — 4 A.M.  
PIZZA, HOT AND COLD GRINDERS  
FRESH SEAFOOD, SALADS, CHICKEN  
WE SERVE SYRIAN BREAD.

## MERRIMACK SHOE STORE MIA CLOGS OF SWEDEN



474 MERRIMACK ST.  
"A FEW STEPS FROM CITY HALL"  
MON. & THURS. 9-9, OTHER DAYS TILL 5:30

We  
Love Lena  
ORIGINAL

## Sub & Broasted Chicken

99 University Avenue, Lowell, Massachusetts

OPEN Monday-Saturday — 10 A.M.-10 P.M.

Sunday — 11 A.M.-8 P.M.

Med. Egg Salad BLT Med. Veal Cutlet

REG. \$1.35 Reg. \$1.00 REG. \$1.85

**\$1.10 80¢ \$1.50**

## SPECIALS FOR APRIL 12 to APRIL 19

CALL AHEAD  
AND HAVE YOUR ORDER WAITING  
**452-8730**

## MILITOWN COLLECTIBLES

OLD — AND — NEW

## COMIC BOOKS & RECORDS

- ALSO:
  - POSTERS
  - STILLS
  - FANZINES
  - MAGAZINES
  - 8-TRACKS
  - CASSETTES
  - PORTFOLIOS

OPEN 6 DAYS  
9-5 Thurs till 8  
452-1231

# Volunteer Opportunities

**EARLY INTERVENTION PROGRAM — Solomon Mental Health Center — Lowell.** The need here is for a person who would be willing to **drive a van** for the purpose of transporting young children and their mothers to a play center. Assignment times will be variable and orientation on Lowell area routes will be offered. This situation provides an opportunity for someone to assist in supplying support to young families at a crucial time in their lives.

**TUTORS FOR CHILDREN — GRADES 1 through 6 — Temple Street Project.** The Lowell Housing Authority has an ongoing request for people who have a genuine liking for children and an ability to communicate with them; **tutoring in the areas of reading and math skills**, with orientation prior to the assignment, is a present need. There is ongoing supervision and consultation, by attending supervisory meetings and keeping progress records. The requirements for volunteers is that you be 18 years or older and available at least one hour a week between 3 and 5 P.M.

**SUNNY ACRES NURSING HOME — Chelmsford.** An opportunity to be a friend, companion (sometimes the only touch with the outside world), exists at this Billerica Road location. The qualified Activities Director will guide and orientate you any weekday, preferably afternoons, in the needs and limitations of the residents. Whether you are specifically talented in the areas of crafts, music, exercise, or wish to more simply write letters, read articles, play games, or walk residents — you are needed and will be appreciated. In the better weather, a brief drive anywhere is a real treat!

**SPECIAL NEEDS — G.L.O.V.E. (Greater Lowell Opportunity for Volunteer Experience)** continually has requests for individuals to provide assistance with meals, companion sitting, or personal shopping for elderly and/or handicapped men and women. If you only wish to serve in a

small but meaningful way to one, appreciative individual, please contact us.

**RENAISSANCE CLUB** (affiliated with Solomon Mental Health Center), a social club, offering opportunities for interpersonal conversation and activities, structured to guide individuals in their adjustment to normal life patterns, has need for creative people to assist in ongoing groups. Both men and women who may have a hobby or avocation which they would enjoy sharing or who would be interested in assisting with already existing activities are needed. Examples of present social activities are: crafts, current events, cooking, physical education, bowling, newspaper writing, and sewing.

**VARNUM MANOR NURSING HOME — Lowell.** Here is an opportunity for persons with special talent to **provide entertainment** to the residents. Provide enjoyment for the patients by playing an instrument, doing magic tricks, or leading an exercise session! In addition, **activities assistants** would be very welcome to work with the director, in the areas of music, crafts, and bingo. Volunteers are always welcome to call or visit with patients; companionship for residents is always appreciated.

**BAY STATE REHABILITATIVE & NURSING CARE FACILITY — Billerica.** this agency has an immediate need for an **Activities Assistant**, male or female to volunteer between the hours of 9 A.M. and 5 P.M., Monday through Friday. A potential volunteer should be willing and have a special desire to work with multi-handicapped children on a one-to-one basis. The volunteer would assist the Director in the areas of swimming, art, music, games, and other recreational activities. A job description and tour of the facilities will be provided by the staff.

**LOWELL CITY LIBRARY** — The need is for an **Aide** to work one or two evenings per week telephoning patrons on overdue books. Here is an opportunity to be useful and communicative! Having a pleasant voice and personality are essential for this job. Training is provided by library staff.

**WOMEN'S ALCOHOL CENTER** — Here is an opportunity to be creative and very much appreciated by preschoolers, whose mothers are receiving therapy and group support. Every day, for any segment of a day, 9 A.M. to 3:30 P.M., a **Child Care Worker** to assist in running a playroom (with supervision and written instructions on a daily basis, from the senior supervisor), is needed. Maturity and a love of young children are definite prerequisites.

**BILLERICA HOUSE OF CORRECTION** — If an interest in rehabilitation, and a wish to share some special talent, hobby, or craft are your forte, there is a great need at this institution for people from the "outside world" to bring part of their world to inmates at this correctional facility. Interesting people, who can present a one-time session (in art, film, creative writing, crafts, books, exercise, music, etc.) in a particular area of interest, are wanted! You don't have to be an expert to give a seminar; all you need is a desire to share what you know. There is always the option of a continuing course being offered or an on-going relationship being established by the volunteer.

G.L.O.V.E., a volunteer clearinghouse, located on the 3rd floor of the Lowell City Library, invites you to consider the above opportunities; if more information on these or any of the other multi-situations in our files is desired, contact either Ann Kazer or Ellen Kunkel at 454-8821 Ext. 284 from 10 A.M. to 12 Noon, Monday, Tuesday, or Wednesday (Ann at 256-3626 or Ellen at 256-2793 can be contacted at home).

## "PIPPIN" At University Of Lowell April 25-28

**LOWELL, MA**—The colorful sounds and adventures of "Pippin" will fill Durgin Hall at the University of Lowell for four nights, April 25-28, in a production by the College of Music and the University of Lowell Theatre Company.

Called "The quintessential musical of the 1970's," "Pippin" is Broadway's most recent rock musical comedy by Roger O. Hirson and Stephen Schwartz, also author of "Godspell". The music, a blend of contemporary rock, ragtime, and vaudeville, plays out a story based on the life of the great emperor Charlemagne's eldest son, Pippin, an idealist who must confront the realities of everyday life..

In his episodic search for fulfillment Pippin explores the worlds of home, war, flesh, revolution, and the hearth. Magic and humor are mixed with the pageantry of a holy war, culminating in a blazing finale never before seen on stage.

In New York the award-winning "Pippin" broke attendance records at the Imperial Theatre, with Ben Vereen winning a Tony award for his role. The score includes popular songs such as "Corner of the Sky" and "Magic To Do."

The show is directed by Jack O'Connor and the musical director is Kay George Roberts, conductor of the University's symphony orchestra. Brian Jeffries and David Cucinotta are coordinating the lighting and special effects. Among the students in major roles are Fred Cabral as The Leading Player, Stephen Murphy as Pippin, William Traynor as Charlemagne, and Carol Sutherland as the widow Catherine.

"Pippin" begins at 8:00 PM each evening in Durgin Hall, located at Pawtucket and Wilder Streets in Lowell. Admission is \$4.00 for the public and free to ULowell students. For tickets or reservations call the University of Lowell Foundation office at 459-0350 or Jack O'Connor at 459-3200.

Other important parts are Louis, Pippin's half-brother, played by Andrew Campbell; Louis' mother, Fastrada, played by Abigail Booth; Sandy Stewich as Pippin's grandmother, Bertha; and Catherine's son Theo, played by ten year old Ted Villandry.

Rounding out the cast are "The Players", Phil Spindola, Tim McKellick, John Garrity, Alan Kennedy, Lynn Adams, Susan Manekas, Karen Richards, Celeste Rioux, and Leslie Smith.

## Language Department Program In Mexico

The University Language Department has an on-going program in Mexico. Students teach English as a second language K-12, and are paid for living expenses together with money for spending. There is ample opportunity to gain experience in teaching, to travel and to live in another culture, and to be self-supporting.

Next year, 1979-80, openings exist in the city of Leon which is about 250 miles northwest of Mexico City. The climate is temperate year-round. Interested students should contact Prof. John Mendicoa as soon as possible — University of Lowell, Language Department, Lowell, MA 01854, Tel. 452-5000, Ext. 2783, Home 454-0151.

Married couples are welcome, preference is given to seniors, Language and English majors, and students with some background in Education.

Mike Douglas learned that lifesaving is just one reason to keep Red Cross ready.



A Public Service of This Newspaper Ad  
& The Advertising Council

"A surprising fact I learned: Just about every lifeguard you've ever seen has had Red Cross safety training. To date, Red Cross has issued over 65 million swimming and life-saving certificates.

"There's just no telling how many lives saved those hard-earned water safety certificates represent.

"Yet important as lifesaving is, it's just one way Red Cross serves our town.

"In towns and cities across the nation, Red Cross performs

scores of different services. In some places, Red Cross provides home health care for senior citizens. In many places they teach preparation for parenthood. Red Cross helps people relocate after fires. Teaches health, safety, first aid. Helps veterans. In fact, if it needs to be done, chances are Red Cross is doing it right now.

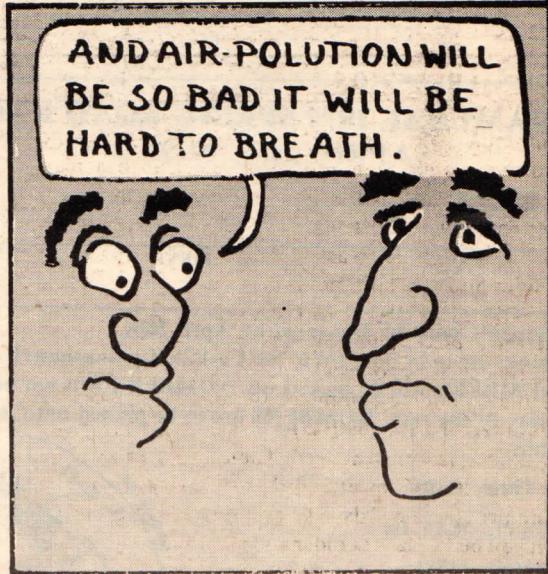
"And Red Cross could sure use your help in getting it done. Call your Red Cross chapter today — if you're ready to help. Thanks!"



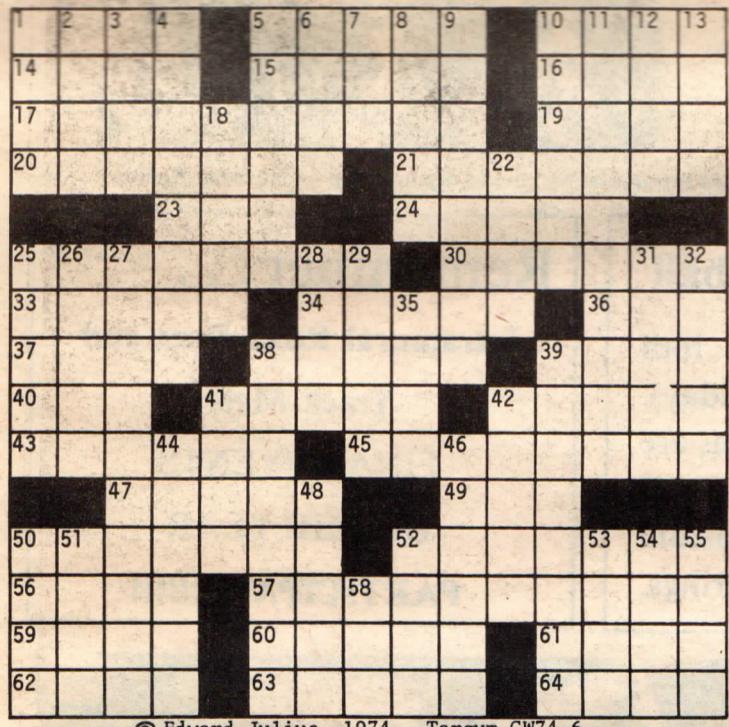
Keep Red Cross ready.

## THE COMICS PAGE

WHO CARES ?



## targum crossword



© Edward Julius, 1974

Targum CW74-6

## ACROSS

- 1 Part of a horse
- 5 "Waiting for —"
- 10 Cordage fiber
- 14 Actor Jannings
- 15 Miss Verdugo
- 16 Spoiled
- 17 "Of —": 3 wds.
- 19 Iron —
- 20 Another: 2 wds.
- 21 Strait between Italy and Albania
- 23 Before
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- 25 — sinners: 2 wds.
- 30 Stevedors
- 33 Latin American cloak
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# INTRAMURAL ACTIVITIES

## INTRAMURAL 1979 SPRING ROAD RACE APRIL 24th, 1979

### ENTRY BLANK

NAME. LAST FIRST

SS #.

All participants **must** be registered by **April 20th**. Entry Blanks are to be brought to the Costello Gymnasium (Rm. 304) where **NUMBERS** will be picked up. **NUMBERS** will not be given out the day of the race. **NUMBERS** are to be pinned onto the front of the shirt.

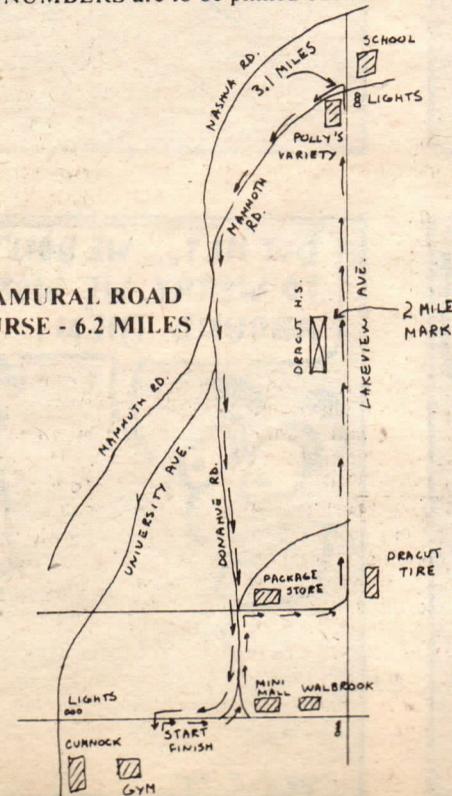
Starting Time: 12:00

RAIN DATE: MAY 1st

DONATION: \$1.00

To help support the  
ULowell Crew Team.

### 1979 INTRAMURAL ROAD RACE COURSE - 6.2 MILES



## Intramural Track Meet

Entries Due: Friday, April 20th, 1979

Meet to be held: Tuesday, May 1, 1979

Rain Date: Tuesday, May 8, 1979

Order of Events to be Posted: Tuesday, April 24th, at the Intramural Office

Entry Limits: An individual may enter:

|                 |                  |
|-----------------|------------------|
| 1 Running Event | 2 Running Events |
| 2 Field Events  | 1 Field Event    |
| 1 Relay Event   | 1 Relay Event    |

A Team may enter only 2 members per event.

Tear & Submit to I.M. Office

**MEN** INDIVIDUAL ENTRY ROSTER - TRACK **WOMEN**

Name \_\_\_\_\_ Box No. \_\_\_\_\_ Tel. No. \_\_\_\_\_ Room No. \_\_\_\_\_

### TEAM

Please check events that you wish to participate in:

|             |           |
|-------------|-----------|
| 100 yd Dash | Javelin   |
| 220 yd Dash | Shot Put  |
| 440 yd Dash | Discus    |
| 880 yd Run  | High Jump |
| Mile Run    | Long Jump |
| 2 Mile Run  |           |
| Mile Relay  |           |

\*NOTE: Spikes are allowed.

## Final Intramural Ice Hockey Standings

| Division I   | Wins | Losses | Ties |
|--------------|------|--------|------|
| PHM          | 6    | 1      | 1    |
| Plasticators | 5    | 1      | 2    |
| No Soap II   | 5    | 2      | 1    |
| Budmen       | 3    | 2      | 3    |
| Whips        | 4    | 4      | 0    |
| Dungeon      | 1    | 5      | 2    |
| Extruders    | 2    | 6      | 0    |
| Division II  |      |        |      |
| Bogus IV     | 8    | 0      | 0    |
| No Soap I    | 5    | 2      | 1    |
| TKE          | 3    | 5      | 0    |
| PLP          | 1    | 4      | 3    |
| DK           | 0    | 6      | 1    |
| Green Wave   | 1    | 5      | 2    |

All University Champion —  
Bogus IV

Runner-up — No Soap II



Intramural Ice Hockey All-University Champions — Bogus IV. Back - Left to Right: Coach and G.M. Joe Rosatti, Doug Murphy, Mark Dinnie, Jim Moriarty, Jay Giblin, Bill Frydryck, Tom Bromander, Chet Couliard. Front: Joe Palange, Nigel, Ralph Guyer, Greg Smith, and Tom Martin.



Intramural Ice Hockey Runners-Up — No Soap Radio



Men's Intramural Swimming Runners-Up — No Soap Radio

## Intramural Basketball

Play-offs begin April 16th (even though it is a holiday). All I.M. Basketball Teams are to check I.M. Bulletin Boards at the Costello Gymnasium Friday, April 13th for pairings.

## Remember...

**Intramural Road Race and  
Track Meet**  
**FINAL EVENTS**  
**OF THE YEAR**  
**PARTICIPATE!!!!!!**



Women's Intramural Swimming Champions — Fish Odyssey (L. to R.) Cathy Driscoll, Sandy Trombley, Pam Nichols, Bonnie Stewart, and Sue Alquist.



Men's Intramural Swimming Champions — P.H.M.

# SPORTS

## Crew Team Opens Season

The University of Lowell Crew Team, after seven months of training opened the season against Assumption College on Lake Quinsigamond in Worcester this past Saturday, April 7. Conditions were rough due to strong winds and cold weather. Coaches Joe Begley and Liz Angus took five boats with them in hope of a sweep, but it was not to be.

The men's JV eight started the day off right; their boat jumped into the lead at the start and took a one boat length advantage after twenty strokes. Stroke, Gary Bonnewith then brought down the stroke, and the boat responded, never looking back on the floundering Assumption Crew. By the time it was over Lowell had five boats open water and the first win of the day.

The women's JV eight did just as well. Their boat had six seats on Assumption at the end of the start and opened water at 500 meters. Stroke, Martha Haynes took her boat over the course strong and smooth with two boat lengths open water at the finish.

The men JV four went off at noon time. Their boat was down half-a-length on Clark at the start. Assumption's four was out of the race early, as Clark and Lowell fought for the lead the entire 2000 meters. Lowell took the lead at 1000 meters and had half a boat lead with 100 meters to go when a jumped seat and a crab cost the lead and the race.

The women's Varsity went off at two, only after a few alterations in their boat. Prior to the race, an emergency repair was made on the hull for a leak which caused the shell to take on water. Then just before the line up at the start, the steering mechanism broke, leaving the Lowell Crew course up to the power of the oars, and the gusty winds of Lake Quinsigamond. Slow at the start, Lowell was left two boat lengths behind at the 500 meter mark. But the explosive leg drive of the crew put them within a boat length at 1000 meters. The Assumption crew began to fade as Lowell started to walk by at 1500 meters, taking the lead with 200 meters to go. But the inability to keep on course caused the Lowell and Assumption crews to hit oars resulting in a crab for Lowell and a win for Assumption.

The men's Varsity eight went off just after the women. From start to end of the race was close. Assumption took two seats at once and held it until 200 meters to go when Lowell finally started to move. Lowell had two seats just short of the line when a crab finished them four strokes from the end. Assumption crossed first with the victory and the day.

Assumption comes to Lowell for a rematch on Tuesday, April 17, at 4:00 P.M.

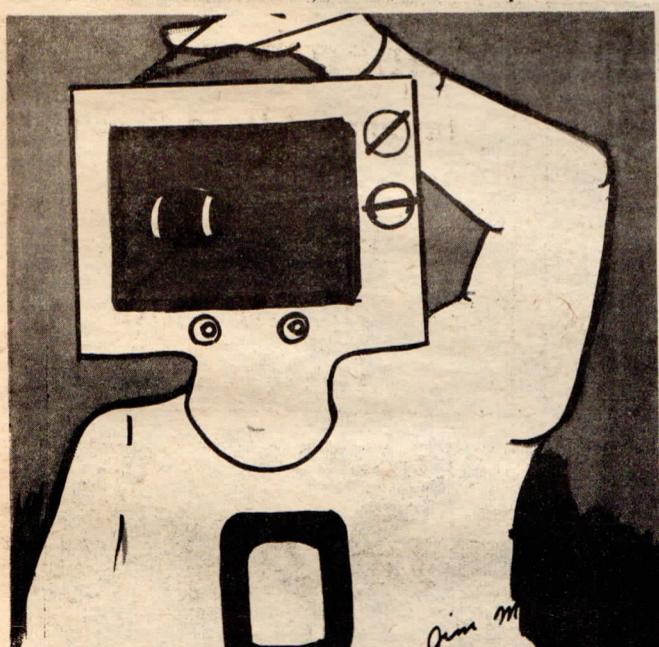
**Men's Varsity:** 1. Assumption 7:02.6; 2. Lowell (Bow Josiah Hatch, Steve Serabian, Brian Coiro, Rick Perry, Tim Howe, Stew Smith, Jim Polcari, Stroke Jack Dempsey, Cox Kris Bujold) 7:05.6.

**Women's Varsity:** 1. Assumption 8:11.5; Lowell (Bow Michelle Denommee, Bobbi Ransom, Becky Meier, Siri Wilber, Audrey Laforge, Betsy Johnson, Ginny Janeiro, Stroke Jeanne Denommee, Cox Colleen Murphy) 8:12.

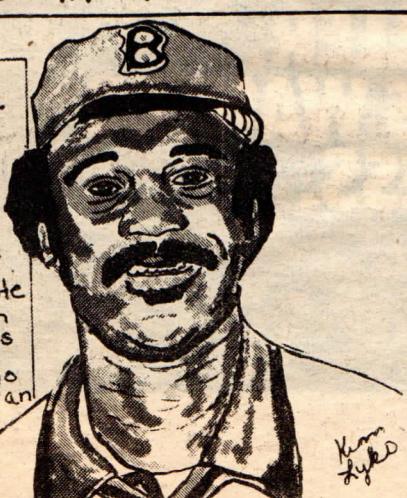
**Men's JV Four:** 1. Clark 8:01; 2. Lowell (Bow Steve Samaras, Greg Tasis, Norman Michaud, Stroke Danny Eggleston, Cox Connie Catin) 8:05; 3. Assumption 8:35.

**Women's JV:** 1. Lowell (Bow Diane Mandee, Connie Catin, Mary Lavery, Mary Montesalvo, Debbie Guamont, Nancy Maloney, Audre Vigen, Stroke Martha Haynes, Cox Debbie Arnard) 8:26.6; 2. Assumption 8:42.2.

**Men's JV:** 1. Lowell (Bow Sam Stone, Alan Larson, Joe Lafreneire, Bob Slattery, Ray Elie, Dave Dunn, Tony Bobowicz, Stroke Gary Bonnewith, Cox Mike Provencher) 7:34.2; 2. Assumption 8:09.2.



Jim Rice of the Boston Red Sox voted MVP of his team and league last year. Hopes to do as well this year. As DH he led the team with a .315 batting average. He also led the team in triples, home runs and RBIs. Though he is no great fielder he can play left or right.



## CLASSIFIEDS

### FOR SALE

**Catalog of unique, nostalgic, and specialty items** — many Collector Items with good investment possibilities. Items include: coins, stamps, antiques, artwork, comic books, old records, old magazines, old photos, books, buttons, and many others. Send 50¢ (deductible with first order) to: Frank Louis, P.O. Box 548, Allwood Station, Clifton, New Jersey 07012.

**For Sale:** Pioneer SX 454 receiver, Technics Panasonic SL20-A belt-driven turntable, E.P.I. 70 speakers, and a Lafayette 2 channel - 4 channel 8-track tape deck. \$350 or best offer, contact Dave, Box 2747.

**SUB LEASE FOR JUNE, JULY & AUGUST @ MERRIMACK PLAZA,** Apart. #1808 (3 rms). Air conditioning, refrig, stove, disposal, electricity and all utilities... \$126.00 mo. Call Georgia Kartsanis, Tel. 453-8369.

**MONEY:** Make up to \$30,720. No Risk. Similar to chain letter. Completely legal. For more info., contact Jeanie Box 1296 North.

**AIKIDO** The Japanese Art of Self defense. NORTHEAST AIKIKAI, 265 Dutton Street, Lowell, MA. Call 453-3485, Mon. thru Thurs. after 5:30 P.M.

**JOBS!** Lake Tahoe, Calif! Fantastic tips! \$1,700-\$4,000 summer! Thousands still needed. Casinos, Restaurants, Ranches, Cruisers. Send \$3.95 for Application/Info to Lakeworld DT, Box 60129, Sacto, CA 95860.

**SUMMER JOBS, NOW!** World Cruisers! Pleasure Boats! No experience! Good Pay! Caribbean, Hawaii, World! Send \$3.95 for application and direct referrals to Seaworld DT, Box 60129, Sacramento, CA 95860.

### LOST and FOUND

**FOUND** — 1 pair of glasses in Olsen Hall. If lost contact Phil, box 5848 S.

**LOST** — Navy Blue Down Parka w/ Wallet in Pocket Lost at Disco Night. If found, please contact Box 5252, South. Thanks.

**LOST** — Leather Wallet lost at Disco Night 4/4/79. If found, please return or contact Nancy at Box 5252, South. Thanks.

**FOUND** — Pair of prescription eye glasses, plastic lenses, brown frame, in front of Fox Hall, Tues. Apr. 3. Contact Box 743N.

### WANTED

**Female Roommate(s) Wanted**, for next fall and spring semesters. 5-Room furnished apartment, \$25/week (\$20/wk. if fully occupied) includes all utilities. Conveniently located 5 blocks from North Campus. Contact Sue 453-3288.

**WANTED — V.W. Heater Box** — Right side plus E 78-14 tires/Call David 256-6824, Box 5391.

### Interested In

### ULowell Sports

Interested in ULowell sports? You can enjoy all of the University's sports programs and provide a much needed service by assisting the Athletic Training Service. Student Trainers are an important part of every athletic team; from football and hockey, to crew, gymnastics and swimming. Student Trainers help get the teams onto the field and provide first aid coverage during games and practices. They are present at home contests and travel with the teams.

No experience in athletic training or first aid is required. You will be instructed in all phases of athletic health care.

Help ULowell athletics and gain valuable experience and training in health and first aid. Come to our Student Trainer's Workshop Sunday, April 22 at 6:00 pm in the Costello Gymnasium Training Room.

—George Carruth  
Athletic Trainer

**Female(s)** 5-room furnished apartment for rent for the summer, \$25/week (\$20/wk. if fully occupied) includes all utilities. Conveniently located 5 blocks from North Campus. Contact Sue 453-3288.

### PERSONALS

**To the two guys from A.A.S.** — A case of "mush" for the meaning of "griff." T.A.S.

**Jo** — Tried to remove your nail polish lately? Try alcohol. TAS

**Bill**, with your Brut, and Albie, with your legs — forget your ways, I'm yours!

**Hey, FREAKY PETE:** I LOVE New York!! Wish you were here. Love, Tina.

**Pete and Frank** — Bring the Sun God when you come... it's pouring over here! Love, Tina.

**To the great AST sisters** who helped — THANKS! I appreciated it a lot. Hugs and Kisses, CYPPIE

**To Pi Lam:** Thanks for the good time on Sunday! Greek Hugs and Kisses... The Sisters of AST

**To the sisterhood of Alpha Sigma Tau:** "Life is a chronicle of new friendship. Friends create the world anew each day. Without their loving care, courage would not suffice to keep hearts strong for life." Helen Keller. Thank you ALL! Tau Love, Tweeter, Tutu, Shoulders, Foothsie, Cookie

**SIC Bill**, Your fortune from Saturday hit the nail on the head. I'm a lucky woman... only one small reason why I love you. Yours forever, RUGBY

**TO THE MAN OF MY DREAMS:** "His image pervades my entire existence, his strength makes me strong. His patience teaches me patience, his smile makes me glad. His eyes touch my soul, his kiss melts my heart..." Taken from a Personal Diary. I LOVE YOU.

**To PMC:** Thanks for pulling us through. You're tops in our books. Tau Love, Cookie, Foothsie, Shoulders, Tutu, Tweeter.

**Hi!** Any female interested in marching with the ULowell Marching Band Flag Squad. We have to practice. Every Tuesday from 6:00-8:00 P.M. in room 113, Durgin Hall, College of Music, South Campus. Come and see what it is all about. Any questions? Contact George Kenney 1806 Towers or box 5710S.

**Hey Eye**, what happens when the batteries run down in your hands? T.A.S.

**To the girl with the clouds in her head** (alias the girl with the "intuition") — Maybe you were dropped on your head when you were young, because it's sure not working for you! T.A.S.

**To PMC** — We've almost made it! Your ALPHA SIGMA TAU pledges Foothsie, Cookie, Tweeter, Tutu, Shoulders

**DAVE MARZILLI**, Next time look before you put your CHUBBY CHEEKS in a chair, it may be loaded!!!!

Dear Frank, Joe, John, Ken, Peter, and Ray, Janet, Karen, Kathy, and Tina say HI!

**PICK-OFF QUEEN** of the week goes to KATHY DRISCOLL for getting caught in the act!!!

**Talk about your night moves!** April 1-7's PICK-OFF QUEEN OF THE WEEK goes to MARY E. COTTING!!! Another glorious winner.

**Who says** that floor reps are all work and no play? Congratulations to the PICK-OFF KING OF THE WEEK — CHARLES "TED" WILLIAMS!

**Correcto mundo** — Last week's POQ should have read PAMELA and not PAULA.

**Guess how many jellybeans** are in the jar. April 11-13, cafeteria-s, mailroom-n. Prize — Bottle of Cheer.

**To Dave, Gene, Greg, Janice, Marie and Marty.** Thanks for helping me. Karen

**Geri, Jane, and Laz**, The EGGMEN have implanted the seeds of control in you. What you do now is not of your will, but that of the EGGMEN. We guide your every thought, word, and action. Planning revenge? We know. We instructed you so. Through the Divine providence of EGGHEAD, the EGGMEN.

**DENISE MY LOVE**, Thanks very much for my birthday presents. The candlelight dinner was super! Thanks again love. Ever yours, Bill

**WANTED**, one semi-intelligent governor for a central New England state, good pay and fringes.

**I Love Meatballs!** Love, Karen

**The EGGMEN** strike without warning. The magnitude of their revenge is ten times that of the act of the defier.

**CAROL MAROL**, Too bad you couldn't SEE the damage your expensive drink did to your roommate's wool coat.

**Sweetie-Pie:** Just a little note to say I hope you are feeling better but in case you still feel a little sick, I know where you can get a lot of TLC, at a place called the Drift. Love you, Blueberry Eyes

**Feb. 28, 1979.** Ichabod the sand dollar was brutally crushed by a WITCH. Flowers are asked to be omitted and contributions made to room 314.

**Bundi** — Have you been doing any more skating with only the bare essentials on — meaning only the skates? Signed, Cutie-Pie

**Jo**, Thanks for being there when I need you. Love, Mr. S.

**JK** has funny toes and snores louder than the CC tide.

**THE MOUSE RACES ARE COMING!** THE MOUSE RACES ARE COMING!!

**When the winds blow**, The hairs go! The Silicone Sisters

**To the eggmen**, The only time you've been laid was when you were born!

**Newman Center** — Easter Sunday mass — 7:00 P.M.

**Newman Center** — Thursday, April 12th — Masses at 12:10 & 7:00 P.M.

**To the Telly's to be**, A toupee a day helps keep the chills away.

**To my "nothing special" ROTC** — keep trying, and maybe you'll get a "pinch" for your birthday. TAS

**To the cute counselor** on the 8th floor: Thank you for being so cute Saturday night. We'll have to get together and be cute sometime. Love, Pussy Galore

**To Little Big:** "Friendship improves happiness and abates misery. By doubling our joy and dividing our grief." JOSEPH ADDISON. Always remember I'm here. Tau Love, Foothsie

**Nancy**, Happy 19th Birthday on FRIDAY THE 13th. Enjoy! Drink up while you still can. Frances, Kathy, Sue, Janet & Josie

**Vito**, Roses are red. Violets are eaten. If you don't smile, You will be beaten! Have a wonderful day! Michelito

**TO A DRINKER OF GOOD SCOTCH...** I remember, "Off the elevator, take a left, first door on the left." Now, what do you remember? Nothing special?? SIGNED, Pet Huno, A Steely Eyed Killer...

**To the Baked Beans**, Hope you had a good time at Chips!! Want to do it again this Saturday at my house? Stop by and see us sometimes. The Newburyport Kid and Roommate

**FOR SALE:** 1970 V.W. BUG PARTS Blown Engine, Poor Body. A few very new parts, many not so old parts. \$100 or best offer. Contact Ruth, South Campus Box #6028 or 433-9889

**Munch, Laz and the Sisters**, The 2 o'clock raid person is sworn to revenge. How did he find out it was me? Birthday parties make me crazy, lazy and no wiser. The party seems to come and go so fast but our friendships seem to last and last. Sister Inferior? I don't think so. Dark Star

**ULowell HOCKEY CHIEFS "NCAA National Champions" Shirts** available in the North and South Campus Bookstores. These shirts are collectors items — so hurry — supply is limited!

**Toots & Trix:** I am not an obnoxious bore! Can I help it if everything is boring? You two are what I call really "boring." Do you know what it's like to get up at four o'clock in the morning to bore a hole in the bathroom? Well just wait until next year! Did you see the rain last night, it was boring out. Bore Vidal

**L.B.** — The party was great. And so was the date. But the best time yet was when we first met. D.S.

**Maryann**, Even though we are apart I hold you close at heart. Don Juan

**My darling Curly Top**, It doesn't matter if this is heaven or earth, because I'll always make it heaven for you! All my love, Ophelia

**Curly Top**, Did you know that once a witch cries she loses her powers? This doesn't happen often though, because only love can make a witch cry. But then again maybe they don't ever REALLY lose their powers. The Red Witch

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Famous Ex-Cop



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